

411 Steel Couplings For Steel Pipe

Nominal Size Inches	O.D. Inches	Sleeve Thickness & Length Inches	Bolts No.	Bolts Diameter Length Inches	Catalog Number	Alloy Bolts & Nuts -003 List Price	304 Stainless Steel -031 List Price	316 Stainless Steel -043 List Price	Approx Weight Lbs.
*1/2	0.84	.120 x 4 1/2	2	1/2 x 7	411-00008401	$49.47	$98.70	$198.41	3
		.120 x 12	2	1/2 x 14	411-00008410	113.46	198.57	259.21	4
*3/4	1.05	.120 x 4 1/2	2	1/2 x 7	411-00010501	56.60	105.83	205.60	3
		.120 x 12	2	1/2 x 14	411-00010510	117.51	202.60	263.31	5
*1	1.32	.120 x 5	2	1/2 x 7	411-00013201	58.56	107.79	207.59	4
		.120 x 12	2	1/2 x 14	411-00013210	118.71	203.82	264.54	5
*1 1/4	1.66	.120 x 5	2	1/2 x 7	411-00016601	61.32	110.55	210.38	4
		.120 x 12	2	1/2 x 14	411-00016610	132.52	217.61	278.46	7
*1 1/2	1.9	.120 x 5	2	1/2 x 7	411-00019001	73.22	122.45	222.41	4
		.120 x 12	2	1/2 x 14	411-00019010	154.73	239.82	300.89	8
*2	2	.120 x 5	2	1/2 x 7	411-00020001	80.62	129.85	229.88	5
		.120 x 12	2	1/2 x 14	411-00020010	166.05	251.14	312.32	8
*2	2.38	.120 x 5	2	1/2 x 7	411-00023801	82.96	132.21	232.24	5
		.120 x 5	2	5/8 x 8	411-00023851	93.80	141.27	200.45	6
		.120 x 7	2	5/8 x 10 1/2	411-00023821	106.60	168.53	234.53	6
		.120 x 12	2	5/8 x 15	411-00023841	129.94	207.92	286.66	10
		.120 x 5	3	5/8 x 8	411-00023861	106.07	177.25	265.71	7
		.120 x 7	3	5/8 x 10 1/2	411-00023802	125.66	218.56	317.22	10
		.120 x 12	3	5/8 x 15	411-00023810	190.65	307.60	426.01	17
2 1/2	2.88	.203 x 5	3	5/8 x 8	411-00028801	128.18	199.37	295.14	13
		.203 x 12	3	5/8 x 15	411-00028810	203.06	320.01	360.51	17
3	3.00	.203 x 5	3	5/8 x 8	411-00030001	133.80	204.98	293.71	13
3	3.50	.180 x 5	3	5/8 x 6	†411-90035001	134.25	188.38	332.63	12
		.180 x 5	4	5/8 x 8	411-00035051	161.08	255.98	374.12	12
		.180 x 7	4	5/8 x 10 1/2	411-00035002	169.90	293.74	425.30	15
		.180 x 12	3	5/8 x 15	†411-90035010	236.46	385.82	550.11	21
4	4	.188 x 5	4	5/8 x 8	411-00040001	161.45	256.35	374.48	18
		.188 x 12	4	5/8 x 15	411-00040010	285.61	441.56	599.31	25
4	4.50	.188 x 5	4	5/8 x 6	†411-90045001	169.62	241.78	434.03	13
		.188 x 7	4	5/8 x 8	†411-90045002	190.65	285.54	403.97	14
		.188 x 12	4	5/8 x 13 1/2	†411-90045010	300.31	499.45	621.33	22
		.188 x 16	4	5/8 x 17	†411-90045011	402.83	663.92	755.91	28
		.188 x 24	4	5/8 x 25	†411-90045012	556.56	940.61	1,304.34	39
5	5.00	1/4 x 5	4	5/8 x 8	411-00050001	224.46	319.35	438.11	21
		1/4 x 12	4	5/8 x 15	411-00050010	335.15	491.09	649.32	30
5	5.56	1/4 x 5	4	5/8 x 8	411-00055601	224.46	319.35	438.11	21
		1/4 x 7	4	5/8 x 10 1/2	411-00055602	247.25	371.11	503.42	24
		1/4 x 10	4	5/8 x 13 1/2	411-00055603	435.68	669.59	758.03	32
		1/4 x 16	4	5/8 x 19 1/2	411-00055611	523.14	816.30	1,102.34	41
		1/4 x 24	4	5/8 x 27 1/2	411-00055612	736.65	1,157.23	1,505.10	52
6	6.63	1/4 x 5	6	5/8 x 6	†411-90066301	229.38	337.65	625.76	23
		1/4 x 7	6	5/8 x 8	†411-90066302	252.20	394.54	571.85	26
		1/4 x 10	6	5/8 x 10 1/2	†411-90066303	442.82	628.61	827.79	35
		1/4 x 16	6	5/8 x 17	†411-90066311	535.07	926.70	1,064.00	43
		1/4 x 24	6	5/8 x 25	†411-90066312	750.29	1,326.36	1,499.99	65

†Couplings furnished with steel "Z" section, High Strength Followers. Buna N Protected Gaskets priced on application. Suitable anchorage must be provided when excessive pipe movement could cause the pipe to move out of the coupling.

*Note: 1/2"-2" have electro-galvanized bolts and nuts.



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8	8.63	1/4 x 5	6	5/8 x 6	†411-90086301	$ 270.60	$ 378.86	$ 667.36	28
		1/4 x 7	6	5/8 x 8	†411-90086302	292.11	434.45	612.15	32
		1/4 x 10	6	5/8 x 10 1/2	†411-90086303	516.59	702.38	827.79	42
		1/4 x 16	6	5/8 x 17	†411-90086311	744.18	1,135.80	1,275.15	57
		1/4 x 24	6	5/8 x 25	†411-90086312	1020.92	1,596.99	2,144.43	74
10	10.00	1/4 x 5	8	5/8 x 8	411-00100001	332.17	521.98	758.34	33
		1/4 x 7	8	5/8 x 10 1/2	411-00100002	359.76	607.48	870.78	38
		1/4 x 10	8	5/8 x 13 1/2	411-00100003	528.90	927.21	1,170.26	50
		1/4 x 16	8	5/8 x 19 1/2	411-00100011	968.64	1,554.97	2,126.29	67
		1/4 x 24	8	5/8 x 27 1/2	411-00100012	1,189.98	2,031.15	2,724.11	97
10	10.75	1/4 x 5	8	5/8 x 6	†411-90107501	332.17	476.52	860.91	34
		1/4 x 7	8	5/8 x 8	†411-90107502	384.35	574.16	811.03	40
		3/8 x 7	8	5/8 x 8	†411-90107507	452.74	642.56	880.10	49
		1/4 x 10	8	5/8 x 10 1/2	†411-90107503	587.32	835.03	1029.14	52
		1/4 x 16	8	5/8 x 17	†411-90107511	971.68	1,493.85	1,679.45	71
		1/4 x 24	8	5/8 x 25	†411-90107512	1,220.81	1,988.90	2,717.45	86
12	12.00	1/4 x 5	8	5/8 x 8	411-00120001	529.20	711.71	939.49	37
		1/4 x 7	8	5/8 x 10 1/2	411-00120002	578.81	817.01	1,070.73	44
		1/4 x 10	8	5/8 x 13 1/2	411-00120003	707.24	1,105.57	1,350.35	56
		1/4 x 16	8	5/8 x 19 1/2	411-00120011	1,162.37	1,748.68	2,321.91	77
		1/4 x 24	8	5/8 x 27 1/2	411-00120012	1,285.36	2,126.54	2,820.44	108
12	12.75	1/4 x 5	8	5/8 x 6	†411-90127501	393.62	537.99	922.98	39
		1/4 x 7	8	5/8 x 8	†411-90127502	418.20	608.00	845.22	46
		3/8 x 7	8	5/8 x 8	†411-90127507	648.83	896.54	1,161.52	52
		1/4 x 10	8	5/8 x 10 1/2	†411-90127503	710.47	958.20	1,227.44	59
		1/4 x 16	8	5/8 x 17	†411-90127511	1,177.75	1,699.92	1,887.55	81
		1/4 x 24	8	5/8 x 25	†411-90127512	1,343.73	2,111.81	2,841.57	113
		3/8 x 24	8	5/8 x 25	†411-90127516	1,389.87	2,157.97	2,437.88	148
14	14.00	1/4 x 5	6	5/8 x 8	411-00140001	562.74	705.10	885.44	41
		1/4 x 7	6	5/8 x 10 1/2	411-00140002	596.58	782.37	983.04	48
		3/8 x 7	6	5/8 x 10 1/2	411-00140007	781.07	966.86	1,169.34	75
		3/8 x 10	6	5/8 x 13 1/2	411-00140008	944.03	1,242.78	1,430.43	94
		3/8 x 16	6	5/8 x 19 1/2	411-00140015	1,540.53	1,950.50	2,416.74	126
		3/8 x 24	6	5/8 x 27 1/2	411-00140016	1,995.69	2,626.58	3,157.12	171
16	16.00	1/4 x 7	8	5/8 x 10 1/2	411-00160002	728.72	976.44	1,243.36	56
		3/8 x 7	8	5/8 x 10 1/2	411-00160007	842.54	1,090.25	1,358.28	87
		1/4 x 10	8	5/8 x 13 1/2	411-00160003	861.03	1,259.34	1,505.65	72
		3/8 x 10	8	5/8 x 13 1/2	411-00160008	1,057.75	1,456.06	1,704.29	108
		3/8 x 16	8	5/8 x 19 1/2	411-00160015	1,725.06	2,311.38	2,890.13	146
		3/8 x 24	8	5/8 x 27 1/2	411-00160016	2,250.85	2,600.17	2,893.79	218
18	18.00	1/4 x 7	8	5/8 x 10 1/2	411-00180002	759.56	1007.28	1,274.48	81
		3/8 x 7	8	5/8 x 10 1/2	411-00180007	937.88	1,185.60	1,454.57	96
		1/4 x 10	8	5/8 x 13 1/2	411-00180003	1,063.94	1,461.90	1,710.54	109
		3/8 x 10	8	5/8 x 13 1/2	411-00180008	1,187.01	1,585.33	1,834.82	119



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18	18.00	3/8 x 16	8	5/8 x 19 1/2	411-00180015	**$1,937.26**	**$2,523.59**	**$3,104.41**	160
		3/8 x 24	8	5/8 x 27 1/2	411-00180016	**2,564.55**	**3,405.71**	**4,112.16**	223
20	20.00	1/4 x 7	10	5/8 x 10 1/2	411-00200002	**925.53**	**1,235.18**	**1,568.97**	91
		3/8 x 7	10	5/8 x 10 1/2	411-00200007	**1030.16**	**1,339.79**	**1,674.61**	107
		1/4 x 10	10	5/8 x 13 1/2	411-00200003	**1,097.80**	**1,595.69**	**1,903.76**	122
		3/8 x 10	10	5/8 x 13 1/2	411-00200008	**1,313.03**	**1,810.90**	**2,121.11**	134
		3/8 x 16	10	5/8 x 19 1/2	411-00200015	**2,090.99**	**2,823.89**	**3,546.68**	180
		3/8 x 24	10	5/8 x 27 1/2	411-00200016	**2,951.92**	**3,388.55**	**3,756.93**	245
22	22.00	1/4 x 7	10	5/8 x 10 1/2	411-00220002	**993.20**	**1302.85**	**1637.33**	98
		3/8 x 7	10	5/8 x 10 1/2	411-00220007	**1,374.50**	**1,688.82**	**2,022.33**	118
		1/4 x 10	10	5/8 x 13 1/2	411-00220003	**1,432.90**	**1,930.79**	**2,242.17**	132
		3/8 x 10	10	5/8 x 13 1/2	411-00220008	**1,718.85**	**2,216.74**	**2,530.91**	145
		3/8 x 16	10	5/8 x 19 1/2	411-00220015	**2,284.68**	**3,017.60**	**3,742.28**	196
		3/8 x 24	10	5/8 x 27 1/2	411-00220016	**3,447.02**	**4,498.48**	**5,383.91**	265
24	24.00	1/4 x 7	10	5/8 x 10 1/2	411-00240002	**1,156.16**	**1,465.82**	**1,801.86**	106
		3/8 x 7	10	5/8 x 10 1/2	411-00240007	**1,466.77**	**1,776.41**	**2,115.51**	125
		1/4 x 10	10	5/8 x 13 1/2	411-00240003	**1,531.35**	**2,029.23**	**2,341.56**	142
		3/8 x 10	10	5/8 x 13 1/2	411-00240008	**1,875.34**	**2,395.01**	**2,751.45**	156
		3/8 x 16	10	5/8 x 19 1/2	411-00240015	**2,423.12**	**3,156.03**	**3,882.07**	210
		3/8 x 24	10	5/8 x 27 1/2	411-00240016	**3,557.75**	**4,609.23**	**5,495.72**	286
30	30.00	3/8 x 7	12	5/8 x 10 1/2	411-00300007	**1,757.81**	**2,245.11**	**2,529.62**	155
		3/8 x 10	12	5/8 x 13 1/2	411-00300008	**1,913.27**	**2,495.00**	**2,897.36**	187
36	36.00	3/8 x 7	16	5/8 x 10 1/2	411-00360007	**2,269.82**	**2,916.76**	**3,295.03**	183
		3/8 x 10	16	5/8 x 13 1/2	411-00360008	**2,669.84**	**3,433.77**	**3,853.20**	225
42	42.00	3/8 x 7	18	5/8 x 10 1/2	411-00420007	**2,651.43**	**3,376.15**	**3,696.30**	216
		3/8 x 10	18	5/8 x 13 1/2	411-00420008	**3,148.90**	**4,008.39**	**4,598.66**	262
48	48.00	3/8 x 10	20	5/8 x 13 1/2	411-00480008	**3,124.66**	**4,046.95**	**4,698.17**	308
		3/8 x 16	20	5/8 x 19 1/2	411-00480015	**3,984.25**	**5,419.29**	**6,659.09**	308



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2	2.50	.203 x 7	2	5/8 x 10 1/2	411-00025002	$169.37	$231.29	$297.90	14
2	2.50	.203 x 10	2	5/8 x 13 1/2	411-00025003	234.44	334.02	395.79	16
2 1/2	2.75	.203 x 7	3	5/8 x 10 1/2	411-00027502	181.39	274.28	373.47	15
2 1/2	2.75	.203 x 10	3	5/8 x 13 1/2	411-00027503	247.71	397.07	488.69	18
3	3.80	.237 x 7	3	5/8 x 10 1/2	411-00038002	246.46	322.19	377.31	20
3	3.80	.237 x 10	3	5/8 x 13 1/2	411-00038003	332.57	449.53	535.58	25
3-4	3.96	.188 x 7	4	5/8 x 10 1/2	411-00039602	254.54	378.40	510.80	22
3-4	3.96	.188 x 10	4	5/8 x 13 1/2	411-00039603	349.87	530.86	671.37	26
4	4.13	.188 x 7	4	5/8 x 10 1/2	411-00041302	264.52	378.13	459.77	22
4	4.13	.188 x 10	4	5/8 x 13 1/2	411-00041303	355.43	549.02	658.54	27
4	4.80	1/4 x 7	4	5/8 x 10 1/2	411-00048002	325.32	449.18	582.27	27
4	4.80	1/4 x 10	4	5/8 x 13 1/2	411-00048003	434.55	633.72	756.89	33
4	5.00	1/4 x 7	4	5/8 x 10 1/2	411-00050002	325.32	449.18	582.27	27
4	5.00	1/4 x 10	4	5/8 x 13 1/2	411-00050003	434.55	633.72	756.89	33
4-5	5.10	1/4 x 7	4	5/8 x 10 1/2	411-00051002	330.39	481.87	590.52	28
4-5	5.10	1/4 x 10	4	5/8 x 13 1/2	411-00051003	438.36	672.27	842.17	33
6	6.90	1/4 x 7	5	5/8 x 10 1/2	411-00069002	368.27	523.09	689.05	38
6	6.90	1/4 x 10	5	5/8 x 13 1/2	411-00069003	570.85	819.81	974.06	45
6	7.10	1/4 x 7	5	5/8 x 10 1/2	411-00071002	416.49	571.32	737.76	39
6	7.10	1/4 x 10	5	5/8 x 13 1/2	411-00071003	640.92	889.86	1044.80	46
6	7.20	1/4 x 7	5	5/8 x 10 1/2	411-00072002	505.62	660.43	827.76	39
6	7.20	1/4 x 10	5	5/8 x 13 1/2	411-00072003	732.84	981.78	1,137.62	47
8	9.05	1/4 x 7	6	5/8 x 10 1/2	411-00090502	547.29	733.09	933.29	49
8	9.05	1/4 x 10	6	5/8 x 13 1/2	411-00090503	836.21	1134.95	1321.53	60
8	9.15	1/4 x 7	6	5/8 x 10 1/2	411-00091502	550.10	735.87	936.11	49
8	9.15	1/4 x 10	6	5/8 x 13 1/2	411-00091503	840.58	1,139.32	1,325.95	60
8	9.42	1/4 x 7	6	5/8 x 10 1/2	411-00094202	560.97	746.77	947.10	51
8	9.42	1/4 x 10	6	5/8 x 13 1/2	411-00094203	846.15	1144.89	1331.58	61
10	11.10	1/4 x 7	7	5/8 x 10 1/2	411-00111002	612.92	829.67	1,062.98	60
10	11.10	1/4 x 10	7	5/8 x 13 1/2	411-00111003	909.86	1,258.38	1,475.42	72
10	11.40	1/4 x 7	7	5/8 x 10 1/2	411-00114002	637.33	853.99	1087.64	62
10	11.40	1/4 x 10	7	5/8 x 13 1/2	411-00114003	930.45	1278.96	1496.22	73
10	11.95	1/4 x 7	8	5/8 x 10 1/2	411-00119502	655.73	903.44	1,169.63	65
10	11.95	1/4 x 10	8	5/8 x 13 1/2	411-00119503	948.24	1,346.56	1,593.71	78
12	13.20	3/8 x 7	8	5/8 x 10 1/2	411-00132007	787.20	1006.15	1302.41	71
12	13.20	3/8 x 10	8	5/8 x 13 1/2	411-00132008	965.28	1363.58	1610.91	86
12	13.50	3/8 x 7	8	5/8 x 10 1/2	411-00135007	793.35	1041.05	1,308.60	73
12	13.50	3/8 x 10	8	5/8 x 13 1/2	411-00135008	975.67	1,373.98	1,621.40	88
12-14	13.92	3/8 x 7	8	5/8 x 10 1/2	411-00139207	820.35	1055.03	1323.68	75
12-14	13.92	3/8 x 10	8	5/8 x 13 1/2	411-00139208	1002.75	1401.06	1648.74	91
14	15.30	3/8 x 7	8	5/8 x 10 1/2	411-00153007	830.27	1,077.99	1,345.90	86
		3/8 x 10	8	5/8 x 13 1/2	411-00153008	1,057.14	1,455.45	1,752.29	107
		3/8 x 16	8	5/8 x 19 1/2	411-00153015	1,657.43	2,243.75	2,821.82	144
		3/8 x 24	8	5/8 x 27 1/2	411-00153016	2,189.37	3,030.53	3,733.30	196
14	15.65	3/8 x 7	8	5/8 x 10 1/2	411-00156507	845.62	1093.33	1345.90	109
		3/8 x 10	8	5/8 x 13 1/2	411-00156508	1105.29	1503.59	1703.67	109
		3/8 x 16	8	5/8 x 19 1/2	411-00156515	1688.17	2274.50	2852.87	146
		3/8 x 24	8	5/8 x 27 1/2	411-00156516	2250.85	3092.04	3795.40	200

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16	17.40	3/8 x 7	8	5/8 x 10 1/2	411-00174007	$919.49	$1,167.20	$1,435.99	92
		3/8 x 10	8	5/8 x 13 1/2	411-00174008	1,150.09	1,548.39	1,797.53	119
		3/8 x 16	8	5/8 x 19 1/2	411-00174015	1,838.83	2,425.14	3,005.01	160
		3/8 x 24	8	5/8 x 27 1/2	411-00174016	2,469.20	2,818.50	3,114.27	218
16	17.80	3/8 x 7	8	5/8 x 10 1/2	411-00178007	931.69	1,179.41	1,448.33	92
		3/8 x 10	8	5/8 x 13 1/2	411-00178008	1,162.37	1,560.68	1,809.93	120
		3/8 x 16	8	5/8 x 19 1/2	411-00178015	1,860.39	2,446.72	3,026.79	162
		3/8 x 24	8	5/8 x 27 1/2	411-00178016	2,530.71	3,124.17	4,077.98	221
18	19.50	3/8 x 7	10	5/8 x 10 1/2	411-00195007	1011.68	1,321.33	1,655.97	107
		3/8 x 10	10	5/8 x 13 1/2	411-00195008	1,263.80	1,761.69	2,071.39	133
		3/8 x 16	10	5/8 x 19 1/2	411-00195015	2,035.64	2,768.55	3,490.79	179
		3/8 x 24	10	5/8 x 27 1/2	411-00195016	2,687.54	3,582.18	3,489.97	245
18	19.92	3/8 x 7	10	5/8 x 10 1/2	411-00199207	1027.03	1,336.67	1,671.45	105
		3/8 x 10	10	5/8 x 13 1/2	411-00199208	1,285.36	1,783.25	2,093.16	127
		3/8 x 16	10	5/8 x 19 1/2	411-00199215	2,063.38	2,796.29	3,518.80	182
		3/8 x 24	10	5/8 x 27 1/2	411-00199216	2,782.87	3,834.33	4,713.25	249
20	21.60	3/8 x 7	10	5/8 x 10 1/2	411-00216007	1,362.24	1,671.87	2,009.95	117
		3/8 x 10	10	5/8 x 13 1/2	411-00216008	1,703.50	2,201.39	2,515.40	145
		3/8 x 16	10	5/8 x 19 1/2	411-00216015	2,152.51	2,885.42	3,608.87	195
		3/8 x 24	10	5/8 x 27 1/2	411-00216016	3,422.44	3,859.07	4,232.08	266
20	22.06	3/8 x 7	10	5/8 x 10 1/2	411-00220607	1,383.72	1,693.38	2,031.67	119
		3/8 x 10	10	5/8 x 13 1/2	411-00220608	1,728.12	2,226.01	2,540.28	148
		3/8 x 16	10	5/8 x 19 1/2	411-00220615	2,318.51	3,051.42	3,776.43	200
		3/8 x 24	10	5/8 x 27 1/2	411-00220616	3,480.91	3,917.54	4,291.12	271
24	25.80	3/8 x 7	12	5/8 x 10 1/2	411-00258007	1,577.45	1,949.01	2,354.14	138
		3/8 x 10	12	5/8 x 13 1/2	411-00258008	1,974.47	2,571.92	2,948.07	171
		3/8 x 16	12	5/8 x 19 1/2	411-00258015	2,518.43	3,397.92	4,265.35	231
		3/8 x 24	12	5/8 x 27 1/2	411-00258016	3,671.55	4,195.50	4,638.85	315
24	26.32	3/8 x 7	12	5/8 x 10 1/2	411-00263207	1,635.92	2,007.48	2,413.19	138
		3/8 x 10	12	5/8 x 13 1/2	411-00263208	2,041.77	2,639.22	3,016.02	174
		3/8 x 16	12	5/8 x 19 1/2	411-00263215	2,536.85	3,357.30	4,283.96	235
		3/8 x 24	12	5/8 x 27 1/2	411-00263216	3,788.37	5,050.13	6,109.22	300
30	32.00	3/8 x 7	14	5/8 x 10 1/2	411-00320007	1,837.56	2,401.18	2,743.92	166
		3/8 x 10	14	5/8 x 13 1/2	411-00320008	2,448.94	3,046.41	3,230.38	201
36	38.30	3/8 x 7	16	5/8 x 10 1/2	411-00383007	2,390.40	3,036.06	3,415.23	196
		3/8 x 10	16	5/8 x 13 1/2	411-00383008	2,691.14	3,473.73	3,997.56	237
42	44.50	3/8 x 7	18	5/8 x 10 1/2	411-00445007	2,745.98	3,391.65	3,817.98	228
		3/8 x 10	18	5/8 x 13 1/2	411-00445008	2,988.72	4,127.99	4,724.61	287
48	50.80	3/8 x 10	20	5/8 x 13 1/2	411-00508008	3,534.14	4,522.93	5,333.32	317
		3/8 x 16	20	5/8 x 19 1/2	411-00508015	4,587.81	6,350.58	7,881.14	375

Suitable anchorage must be provided when excessive pipe movement could cause the pipe to move out of the coupling.