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316-10

**PENN FORGED STAINLESS STEEL FITTINGS  
ASTM A182/ASME SA182 -- F316/316L -- ASME B16.11**

**October 8, 2018**

**CLASS 2000 THREADED FITTINGS**

**316/316L**

I.P.S.	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
90 ELBOWS **	-	55.28	64.59	83.74	102.54	152.55	276.70	318.31	541.55	2221.28	3076.50	AVAIL
TEES **	-	70.29	85.53	106.95	132.23	201.97	327.15	469.12	749.36	2607.51	3434.38	AVAIL
45 ELBOWS **	-	116.96	116.96	116.96	132.02	199.22	284.49	389.72	476.73	2610.68	3311.64	AVAIL
CROSSES **	-	134.67	134.67	192.00	264.69	407.42	798.53	1297.46	2081.50	AVAIL	AVAIL	AVAIL

**CLASS 3000 THREADED FITTINGS**

**316/316L**

I.P.S.	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
90 ELBOWS **	76.51	62.62	76.51	97.41	145.25	270.56	307.29	523.55	728.96	3,225.46	3,693.41	AVAIL
TEES **	104.40	80.18	104.40	125.03	192.71	326.58	428.03	683.67	914.61	3,558.47	4,006.57	AVAIL
45 ELBOWS **	147.53	147.53	147.53	147.53	190.31	265.66	337.86	434.39	578.31	3,311.66	3,874.78	AVAIL
CROSSES **	192.20	132.35	192.20	264.96	400.40	565.50	1002.41	1506.80	2326.98	AVAIL	AVAIL	AVAIL
STREET ELBOWS **	-	133.73	151.50	176.32	215.94	346.98	1006.64	1443.24	2,543.93	AVAIL	AVAIL	AVAIL
LATERALS **	624.55	624.55	624.55	624.55	699.83	1117.08	1533.03	2,203.90	3,928.77	AVAIL	AVAIL	AVAIL
COUPLINGS	19.55	22.01	23.60	33.45	49.17	82.38	184.61	215.17	297.61	820.82	1110.79	1,838.91
REDUCERS*	-	58.84	64.01	81.30	111.17	184.73	353.35	442.69	567.11	1493.12	1840.07	2,779.19
HALF COUPLINGS	18.49	18.49	25.08	27.65	39.73	57.97	117.24	150.12	212.02	508.00	756.39	1195.28
CAPS	26.07	26.07	30.89	37.74	47.91	75.11	115.18	145.62	227.73	567.27	708.41	1195.30
UNIONS **	156.69	156.69	181.48	181.71	236.96	373.87	653.01	807.46	1026.62	2,821.21	3,526.52	AVAIL

**CLASS 6000 THREADED FITTINGS**

**316/316L**

I.P.S.	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
90 ELBOWS **	153.03	125.24	153.03	194.82	290.50	541.12	614.58	1047.10	1457.92	6450.92	7386.83	AVAIL
TEES **	208.81	160.35	208.81	250.06	385.42	653.16	856.07	1367.35	1829.23	7116.94	8013.13	AVAIL
45 ELBOWS **	295.05	295.05	295.05	295.05	380.62	531.32	675.72	868.78	1156.61	6623.32	7749.56	AVAIL
CROSSES **	384.39	264.71	384.39	529.93	800.79	1131.00	2004.82	3013.60	4653.95	AVAIL	AVAIL	AVAIL
STREET ELBOWS **	-	267.45	303.00	352.64	431.89	693.95	2013.29	2886.47	5087.87	AVAIL	AVAIL	AVAIL
LATERALS **	1249.10	1249.10	1249.10	1249.10	1399.66	2234.17	3066.05	4407.81	7857.53	AVAIL	AVAIL	AVAIL
COUPLINGS	39.11	44.02	47.20	66.91	98.33	164.76	369.23	430.33	595.21	1641.64	2221.58	3677.82
REDUCERS*	-	117.68	128.01	162.60	222.34	369.46	706.70	885.39	1134.22	2986.25	3680.14	5558.39
HALF COUPLINGS	36.98	36.98	50.16	55.31	79.46	115.94	234.48	300.24	424.03	1016.00	1512.79	2390.56
CAPS	52.14	52.14	61.78	75.47	95.83	150.23	230.35	291.25	455.46	1134.54	1416.82	2390.61
UNIONS **	313.38	313.38	362.95	363.42	473.92	747.73	1306.02	1614.92	2053.24	AVAIL	AVAIL	AVAIL

**\*\* ITEMS FURNISHED AS REDUCING FITTINGS- POA**

I.P.S.	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
SQ. HEAD PLUGS	13.41	13.69	18.17	20.09	32.59	59.41	111.75	118.27	154.24	465.53	835.50	1298.13
HEXAGON PLUGS	13.63	13.69	17.05	20.72	31.15	48.89	91.96	119.66	171.15	465.53	835.50	1298.13
ROUND HD. PLUGS	33.76	33.76	33.76	28.81	33.76	53.57	138.87	164.15	223.14	465.53	835.50	AVAIL
HEX BUSHINGS*	-	19.02	20.00	27.38	37.08	57.62	105.07	124.37	176.63	609.33	1085.26	1555.69
FLUSH BUSHINGS*	-	AVAIL	AVAIL	AVAIL	AVAIL	AVAIL	AVAIL	AVAIL	AVAIL	AVAIL	AVAIL	AVAIL

**NOTE: ALL "AVAIL" LISTED ITEMS ARE AVAILABLE FROM STOCK OR WILL BE MADE TO ORDER.  
HOWEVER, DUE TO LOW DEMAND THESE ITEMS ARE PRICED ON APPLICATION.  
\*BUSHINGS, REDUCERS & INSERTS LIMITED TO 4 REDUCTIONS, OTHERWISE POA**