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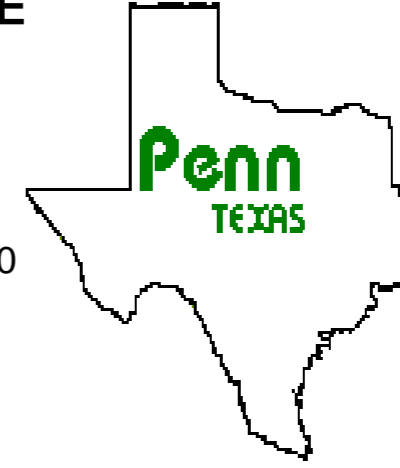
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J-39

## PENN FORGED CARBON STEEL FITTINGS ASTM A105/ASME SA105 -- ASME B16.11

MARCH 21, 2018

### CLASS 2000 THREADED FITTINGS

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'S	-	21.79	25.21	22.09	24.08	31.02	62.04	75.69	103.80	273.19	421.84	1,383.12
TEES	-	27.86	31.11	26.75	36.25	50.35	89.08	107.81	134.78	341.74	589.02	1,460.73
45 ELBOWS	-	32.57	33.76	32.10	35.95	42.08	66.56	83.77	130.63	349.27	563.97	2,181.30
CROSSES	-	81.84	84.89	83.93	93.36	109.62	200.29	245.71	336.38	1,144.30	1,415.38	2,237.50

ABOVE ITEMS FURNISHED AS REDUCING FITTINGS POA

### CLASS 3000 THREADED FITTINGS

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	31.19	31.19	31.19	23.90	29.99	44.57	84.68	109.25	132.68	392.77	565.83	1,429.12
TEES	37.87	37.87	37.87	34.11	46.07	60.67	117.74	137.36	177.65	481.42	897.74	1,495.78
45 ELBOWS	39.59	39.59	39.59	39.04	45.09	61.41	84.89	121.86	168.15	392.88	638.73	1,168.38
CROSSES	149.36	149.36	149.36	96.40	127.20	178.99	237.15	315.98	425.95	1,082.24	1,432.99	2,037.06
STREET ELBOWS	AVAIL.	46.67	44.99	44.99	56.85	75.86	137.40	166.09	239.56	AVAIL.	AVAIL.	AVAIL.
LATERALS	419.08	429.00	429.00	373.18	394.01	484.35	538.68	644.42	800.28	2,376.80	AVAIL.	AVAIL.

TEES 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"
COUPLINGS	12.14	12.14	12.14	9.99	12.99	22.62	37.70	48.75	60.84	150.56	284.58	533.82
REDUCERS*	-	19.06	19.87	19.87	23.58	30.71	53.79	58.41	84.71	337.12	445.84	682.59
HALF COUPLINGS	6.31	6.31	6.55	6.08	8.72	11.97	21.65	28.80	38.71	79.37	178.54	311.94
CAPS	11.83	11.72	11.72	11.40	15.88	24.37	39.23	46.89	67.50	185.86	342.41	432.05
UNIONS	49.03	49.03	49.90	42.38	51.88	67.78	107.53	128.23	173.86	430.88	507.27	AVAIL.

### CLASS 6000 THREADED FITTINGS

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	221.88	221.88	232.11	47.45	60.45	77.51	167.89	203.03	342.09	576.90	1,435.37	2,701.58
TEES	294.91	308.52	308.52	65.10	88.06	152.11	185.11	263.07	475.63	1,577.61	1,584.66	4,289.27
45 ELBOWS	221.54	221.54	221.54	66.11	85.77	103.49	256.80	256.80	345.48	1,310.60	1,377.31	2,783.09
CROSSES	327.01	327.01	327.01	209.65	430.20	619.42	846.87	1,018.81	1,073.15	1,993.61	2,116.88	AVAIL.
STREET ELBOWS	AVAIL.	AVAIL.	108.54	91.82	150.81	247.20	465.30	598.27	P.O.A	-	-	-
LATERALS	532.86	532.86	532.86	593.25	721.14	773.89	1,192.76	1,246.44	AVAIL.	-	-	-

TEES 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"
COUPLINGS	30.00	30.00	30.00	25.52	29.23	39.23	73.52	81.03	120.30	565.84	825.21	1,371.12
REDUCERS*	-	261.80	261.80	197.18	197.18	278.15	420.94	385.24	540.47	800.30	972.18	1,550.51
HALF COUPLINGS	25.78	23.07	25.06	18.62	19.76	24.61	55.28	68.93	125.55	663.51	772.65	1,267.15
CAPS	40.44	40.44	40.44	35.65	42.79	45.54	115.84	117.99	140.28	1,012.08	1,095.13	2,261.38
UNIONS	AVAIL.	128.45	116.73	104.58	118.60	153.43	254.90	298.51	599.39	1,194.63	AVAIL.	AVAIL.

### PLUGS

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	5.29	5.29	5.54	5.81	7.24	11.09	22.86	26.10	41.23	106.06	177.52	280.45
HEXAGON PLUGS	4.43	4.43	4.61	4.61	8.56	12.06	20.48	29.14	45.22	101.96	186.26	306.54
ROUND HD. PLUGS	10.49	9.96	9.96	7.66	9.03	13.23	30.54	32.82	48.84	550.29	671.72	861.20

### BUSHINGS

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"
HEX BUSHINGS*	-	7.30	7.30	7.35	9.03	14.71	23.97	27.63	41.48	130.06	201.18	435.91
FLUSH BUSHINGS*	-	60.29	63.78	70.72	82.63	107.25	179.42	230.93	411.22	641.25	973.35	1,620.90

NOTE : ALL POA 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