

# **CAPPRODUCTS LTD**



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# **CAPPRODUCTS LTD**



5.0.0  
August 4, 2008

Phoenix \* Capitol \* Camco \* CapProducts

# The Phoenix Forge Group

*The Phoenix Forge Group is committed to meeting customer and industry requirements while continually improving our quality management system.*

**For your A105 forged steel fittings, bull plugs and CAMCO brand stainless steel fittings requirements please contact Capitol Manufacturing at**

**1-800-848-1100**

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BRANCH: \_\_\_\_\_

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<u>EXTRAS-APPLIES TO ALL NIPPLES</u>	<u>ADD TO LIST</u>
Quantity other than carton quantity	20%
Bevelled 37.5° ± 2.5° one or both ends	100%
Grooved one end	50%
Grooved both ends	100%
Plain end-square cut & deburred. One or both ends.	50%



# Canadian Registration Numbers



Applies to Category "A" Pipe Fittings and Pipe Nipples, Carbon Steel, Alloy Steel and Stainless Steel all grades.

Province	Registration No.
 Alberta	0A0768.92
 British Columbia	0A0768.951
 Labrador	0A0768.90
 Manitoba	CSA0A0768.96
 New Brunswick	0A0768.97
 Newfoundland	0A0768.90
 Northwest Territories	0A0768.9T
 Nova Scotia	0A0768.98
 Nunavut	0A0768.9N
 Ontario	0A0768.95
 Prince Edward Island	0A0768.9
 Quebec	CSA0A0768.96
 Saskatchewan	CSA0A0768.96
 Yukon	0A0768.9Y

2.1

**Standard Black Steel Nipples – Welded Right Hand Threads**  
**Material specification ASTM A53 Type F**

**CWN-808**  
**Effective: August 4, 2008**  
**Supersedes: CWN-508**

DIAM.	CLOSE LENGTH	CLOSE	LIST PRICE PER EACH															
			1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6	7	8	9	10	11	12
1/8	3/4	1.39	1.43	1.50	1.68	1.76	1.92	1.98	2.27	2.32	2.43	2.69	2.87	3.03	3.19	3.38	3.55	3.77
1/4	7/8	1.22	1.27	1.34	1.52	1.59	1.72	1.80	2.38	2.53	2.59	2.68	2.76	2.94	3.08	3.29	3.44	3.64
3/8	1	1.24	1.29	1.37	1.55	1.64	1.80	1.97	2.41	2.56	2.63	2.85	3.00	3.17	3.35	3.58	3.76	3.96
1/2	1-1/8	0.74	0.76	0.82	0.87	0.97	1.10	1.16	1.29	1.37	1.47	1.55	2.79	3.09	3.40	3.51	3.72	3.95
3/4	1-3/8	0.89	0.92	0.97	0.98	1.11	1.24	1.32	1.45	1.55	1.69	1.85	3.51	3.66	3.92	4.12	4.40	4.74
1	1-1/2	1.32		1.45	1.55	1.61	1.79	1.92	2.11	2.27	2.40	2.51	4.45	4.71	5.19	5.45	5.77	6.06
1-1/4	1-5/8	1.66		1.82	1.87	2.06	2.27	2.43	2.61	2.80	2.97	3.14	5.35	5.72	6.20	6.62	7.11	7.43
1-1/2	1-3/4	2.00		2.14	2.35	2.50	2.82	3.01	3.21	3.38	3.61	3.80	6.09	6.46	6.91	7.35	7.85	8.23
2	2	2.60			2.87	3.11	3.50	3.83	4.11	4.41	4.78	5.09	7.30	8.33	8.94	9.55	10.57	11.29
2-1/2	2-1/2	9.59				10.04	11.07	11.49	12.28	13.02	13.86	14.60	14.97	15.32	16.79	18.33	19.90	21.41
3	2-5/8	10.94				11.23	12.57	12.86	13.58	14.52	15.42	16.34	16.80	18.74	20.35	22.25	24.17	26.10
3-1/2	2-3/4	15.32					17.34	18.03	19.19	19.90	20.40	21.85	24.57	27.29	29.95	32.64	35.36	38.07
4	2-7/8	16.40					17.85	18.61	19.64	21.28	22.96	24.65	27.23	30.24	33.24	36.24	39.28	42.29
5	3	57.13							65.73	67.15	71.31	75.29	78.62	82.12	85.13	87.62	94.04	100.29
6	3-1/8	70.36							84.20	85.89	90.85	96.04	96.76	100.78	103.90	111.91	119.90	127.81
8 - 12	<b>Price on Application</b>																	

2.3

**Extra Strong Black Steel Nipples – Welded Right Hand Threads**  
**Material Specification ASTM A53 Type F**

**CWN-808**  
**Effective: August 4, 2008**  
**Supersedes: CWN-508**

DIAM.	CLOSE LENGTH	CLOSE	LIST PRICE PER EACH															
			1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6	7	8	9	10	11	12
1/8	3/4	2.29	2.34	2.52	2.71	2.87	3.18	3.37	3.53	3.78	4.02	4.28	4.95	5.52	6.00	6.49	6.97	7.50
1/4	7/8	1.47	1.52	1.60	1.68	1.81	1.98	2.12	2.34	2.56	2.78	2.97	3.13	3.41	3.74	4.02	4.39	4.95
3/8	1	1.63	1.64	1.76	1.86	1.98	2.19	2.42	2.71	2.93	3.21	3.35	3.56	3.79	4.15	4.47	4.82	5.18
1/2	1-1/8	1.50	1.60	1.70	1.86	1.95	2.21	2.40	2.60	2.77	2.95	3.10	4.76	5.21	5.41	5.62	6.00	6.49
3/4	1-3/8	1.84	1.89	1.98	2.10	2.24	2.50	2.66	2.87	3.08	3.31	3.52	5.60	6.15	6.48	6.74	7.29	7.91
1	1-1/2	2.76		2.98	3.18	3.36	3.67	3.89	4.18	4.39	4.65	4.94	6.74	7.44	8.15	8.87	9.68	10.45
1-1/4	1-5/8	3.44		3.65	3.92	4.18	4.60	4.94	5.26	5.60	5.89	6.23	8.49	9.44	10.33	11.31	12.23	13.07
1-1/2	1-3/4	4.02		4.26	4.63	4.92	5.45	5.94	6.21	6.63	6.99	7.39	8.94	9.97	10.94	11.97	12.95	13.99
2	2	5.36			5.89	6.41	7.13	7.68	8.28	8.89	9.40	9.96	12.10	13.44	14.81	16.22	17.61	19.03
2-1/2	2-1/2	16.14				16.80	18.87	19.47	20.51	21.88	23.20	24.57	25.36	26.83	28.08	30.61	33.25	35.77
3	2-5/8	18.16				18.50	20.68	21.19	22.39	23.88	25.34	26.83	27.53	30.67	33.88	37.07	40.32	43.47
3-1/2	2-3/4	24.65					26.60	29.22	30.72	31.96	34.33	36.96	39.53	43.82	48.01	52.41	60.60	60.84
4	2-7/8	26.91					28.93	30.34	31.26	34.78	37.85	40.17	44.98	49.98	51.33	59.89	64.97	69.86
5	3	93.64							98.48	104.87	111.24	117.64	121.06	124.13	128.44	139.25	148.81	158.83
6	3-1/8	113.08							139.70	145.41	150.93	157.59	159.67	159.58	173.21	186.37	200.04	213.44
8 - 12	<b>Price on Application</b>																	

**2.5**

**Standard Galvanized Steel Nipples – Welded Right Hand Threads**  
**Material specification ASTM A53 Type F**

**CWN-808**  
**Effective: August 4, 2008**  
**Supersedes: CWN-508**

DIAM.	CLOSE LENGTH	CLOSE	LIST PRICE PER EACH															
			1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6	7	8	9	10	11	12
1/8	3/4	1.56	1.68	1.90	2.21	2.35	2.56	2.69	2.82	2.97	3.08	3.23	3.56	3.80	3.90	4.24	4.53	4.77
1/4	7/8	1.37	1.47	1.56	1.79	1.90	2.06	2.27	2.56	2.78	2.97	3.11	3.33	3.56	3.82	4.05	4.35	4.58
3/8	1	1.42	1.50	1.59	1.84	1.95	2.13	2.34	2.70	3.03	3.14	3.29	3.47	3.72	4.01	4.30	4.54	4.83
1/2	1-1/8	0.90	0.97	1.05	1.14	1.24	1.39	1.52	1.61	1.74	1.90	2.01	3.56	4.12	4.27	4.45	4.83	5.11
3/4	1-3/8	1.10	1.14	1.19	1.32	1.47	1.66	1.82	1.96	2.13	2.29	2.50	4.62	5.12	5.38	5.45	5.82	6.46
1	1-1/2	1.63		1.79	1.93	2.09	2.34	2.55	2.76	2.93	3.08	3.29	5.64	6.09	6.70	7.23	7.65	8.01
1-1/4	1-5/8	2.09		2.32	2.45	2.63	2.95	3.22	3.45	3.71	3.92	4.17	7.14	7.78	8.33	8.99	9.39	10.17
1-1/2	1-3/4	2.56		2.71	2.95	3.17	3.55	3.88	4.19	4.50	4.78	5.01	7.73	8.57	9.25	9.88	10.36	11.05
2	2	3.32			3.66	4.05	4.58	4.96	5.32	5.72	6.12	6.53	10.13	10.86	11.71	12.49	13.36	14.32
2-1/2	2-1/2	12.61				13.02	14.63	15.05	16.00	17.24	18.48	19.46	20.38	21.65	22.72	24.71	26.81	28.87
3	2-5/8	14.92				15.32	17.14	17.61	18.72	19.98	21.24	22.51	24.38	25.92	28.58	31.34	33.91	36.64
3-1/2	2-3/4	20.30					22.01	24.33	25.63	27.89	30.05	32.21	34.61	36.64	40.34	44.01	46.87	51.33
4	2-7/8	22.22					24.20	24.78	26.75	28.98	31.34	33.59	37.72	42.10	46.16	50.41	54.57	58.79
5	3	76.45							82.59	90.43	96.03	101.57	107.70	118.11	122.81	127.13	129.55	138.50
6	3-1/8	95.57							118.25	120.87	127.96	135.22	143.06	149.38	154.68	158.85	170.33	181.57
8-12	<b>Price on Application</b>																	

**2.7**

**Extra Strong Galvanized Steel Nipples – Welded Right Hand Threads**  
**Material Specification ASTM A53 Type F**

**CWN-808**  
**Effective: August 4, 2008**  
**Supersedes: CWN-508**

DIAM.	CLOSE LENGTH	CLOSE	LIST PRICE PER EACH															
			1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6	7	8	9	10	11	12
1/8	3/4	3.34	3.45	3.70	3.92	4.21	4.63	4.89	5.20	5.51	5.88	6.22	7.22	8.04	8.73	9.46	10.20	10.89
1/4	7/8	2.31	2.34	2.37	2.47	2.66	2.92	3.07	3.24	3.53	3.74	4.02	4.68	5.00	5.44	5.88	6.65	6.90
3/8	1	2.44	2.56	2.64	2.76	2.92	3.23	3.37	3.57	3.84	4.10	4.37	5.05	5.52	6.03	6.49	7.05	7.58
1/2	1-1/8	2.18	2.36	2.50	2.66	2.87	3.25	3.48	3.79	4.05	4.29	4.53	6.95	7.60	7.91	8.16	8.76	9.44
3/4	1-3/8	2.68	2.76	2.91	3.05	3.31	3.63	3.89	4.20	4.49	4.82	5.11	8.13	8.97	9.44	9.84	9.83	11.50
1	1-1/2	4.05		4.36	4.63	4.87	5.36	5.69	6.10	6.40	6.81	7.18	9.82	10.87	11.94	12.99	14.10	15.26
1-1/4	1-5/8	5.03		5.32	5.73	6.10	6.71	7.20	7.67	8.13	8.60	9.08	12.37	13.77	15.10	16.52	17.80	19.10
1-1/2	1-3/4	6.00		6.40	6.90	7.39	8.20	8.78	9.31	9.92	10.50	11.11	13.46	14.98	16.42	17.97	18.99	21.01
2	2	7.84			8.05	9.34	10.42	11.18	12.08	12.86	13.71	14.52	17.63	19.59	21.67	23.68	25.73	27.79
2-1/2	2-1/2	21.65				22.46	25.21	25.97	27.39	29.24	30.97	32.79	33.86	35.77	37.51	40.94	44.38	47.72
3	2-5/8	24.33				24.73	27.63	28.31	29.90	31.92	33.86	35.88	38.64	41.04	45.27	50.01	53.70	57.93
3-1/2	<b>Price on Application</b>																	
4	2-7/8	35.88						40.49	42.76	46.35	49.93	53.44	60.01	66.65	73.10	79.61	86.23	92.50
5 - 6 - 8	<b>Price on Application</b>																	

**2.9**

**CWN-808**

**Std Black Steel Nipples – Welded Right & Left Hand Threads Effective: August 4, 2008**

**Material specification ASTM A53 Type F**

**Supersedes: CWN-508**

LIST PRICE PER EACH									
SIZE	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6
1/2	2.05	2.15	2.34	2.55	2.68	2.92	3.11	3.31	3.47
3/4	2.44	2.61	2.71	2.92	3.11	3.37	3.68	3.94	4.23
1		3.84	4.03	4.32	4.61	4.89	5.24	5.55	5.81
1-1/4		4.73	4.99	5.34	5.74	6.12	6.58	6.94	7.33
1-1/2		5.71	6.12	6.57	7.03	7.49	7.99	8.34	8.89
2		7.18	7.70	8.23	8.89	9.56	10.21	10.87	11.54
2-1/2 - 4	<b>Price on Application</b>								

**2.11**

**CWN-808**

**Standard Black Steel Nipples – Welded Right Hand Threads**

**Effective: August 4, 2008**

**Material Specification ASTM A53 Type B ERW**

**Supersedes: CWN-508**

LIST PRICE PER EACH																		
DIAM.	CLOSE LENGTH	CLOSE	1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6	7	8	9	10	11	12
1/2	1-1/8	0.82	0.86	0.92	1.00	1.08	1.23	1.31	1.45	1.53	1.65	1.74	3.11	3.47	3.81	3.94	4.16	4.42
3/4	1-3/8	1.00	1.02	1.08	1.11	1.26	1.39	1.49	1.61	1.74	1.91	2.08	3.94	4.10	4.39	4.63	4.94	5.31
1	1-1/2	1.47		1.63	1.74	1.81	2.00	2.16	2.37	2.55	2.69	2.82	4.99	5.28	5.81	6.12	6.47	6.81
1-1/4	1-3/8	1.86		2.03	2.10	2.31	2.55	2.73	2.93	3.15	3.32	3.53	6.00	6.42	6.95	7.44	7.97	8.34
1-1/2	1-3/4	2.24		2.40	2.63	2.79	3.16	3.39	3.58	3.79	4.05	4.26	6.82	7.26	7.76	8.24	8.81	9.23
2	2	2.90			3.21	3.48	3.92	4.29	4.61	4.93	5.36	5.71	8.36	9.34	10.04	10.73	11.86	12.67
2-1/2 - 6	<b>Price On Application</b>																	

**2.13**

**CWN-808**

**Extra Strong Black Steel Nipples – Welded Right Hand Threads**

**Effective: August 4, 2008**

**Material Specification ASTM A53 Type B ERW**

**Supersedes: CWN-508**

LIST PRICE PER EACH																		
DIAM.	CLOSE LENGTH	CLOSE	1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6	7	8	9	10	11	12
1/2	1-1/8	1.68	1.79	1.91	2.08	2.20	2.49	2.70	2.92	3.11	3.31	3.48	5.34	5.83	6.07	6.29	6.71	7.27
3/4	1-3/8	2.05	2.11	2.23	2.34	2.52	2.81	2.97	3.23	3.46	3.71	3.94	6.26	6.91	7.28	7.55	8.17	8.84
1	1-1/2	3.08	0.00	3.36	3.55	3.76	4.13	4.36	4.68	4.92	5.21	5.53	7.55	8.34	9.13	9.94	10.84	11.70
1-1/4	1-3/8	3.86	0.00	4.08	4.41	4.68	5.15	5.53	5.89	6.28	6.59	6.97	9.51	10.57	11.55	12.67	13.71	14.67
1-1/2	1-3/4	4.50	0.00	4.76	5.18	5.50	6.12	6.65	6.95	7.42	7.83	8.29	10.04	11.17	12.25	13.41	14.52	15.68
2	2	6.00	0.00	0.00	6.59	7.18	7.99	8.60	9.28	9.96	10.54	11.16	13.55	15.05	16.60	18.20	19.75	21.35
2-1/2 - 6	<b>Price On Application</b>																	

2.15

**READY CUT PIPE**

CRC-808

Effective: August 4, 2008

Supersedes: CRC-508

UNIVERSAL RACK ASSORTMENT					
Total No. Pcs. = 108 Total Wt = 505 lbs.					
Rack Size 21-1/2"W X 22 - 1/2"D X 27"H					
Lengths	Diameter				
	1/2"	3/4"	1"	1 1/4"	1 1/2"
No. Pieces					
18"	5	5	4	2	2
24"	5	5	4	2	2
30"	5	5	4	2	2
36"	5	5	4	2	2
48"	5	5	4	2	2
60"	5	5	4	2	2

Display racks are provided no charge with initial order for assortments of pipe in sizes and quantities as listed.

Black or Galvanized may be combined.

**LIST PRICE PER EACH**

Length* Diameter	18"	24"	30"	36"	42"	48"	54"	60"	66"	72"	
1/8"	<i>Black</i>	5.48	6.31	7.68	9.17	10.71	12.23	13.78	15.29	16.84	18.35
	<i>Galv.</i>	6.13	9.34	9.93	13.40	15.39	17.33	19.41	21.44	23.34	25.16
1/4"	<i>Black</i>	6.41	7.56	8.74	10.89	12.08	13.24	14.51	15.74	17.34	18.91
	<i>Galv.</i>	7.76	9.87	9.97	14.80	17.28	19.72	22.19	24.61	26.37	28.09
3/8"	<i>Black</i>	7.07	8.39	9.81	11.77	13.32	14.84	16.34	17.78	19.11	20.38
	<i>Galv.</i>	8.84	10.41	12.25	15.62	18.24	20.80	23.44	26.01	27.90	29.70
1/2"	<i>Black</i>	5.61	6.93	8.66	10.39	12.13	13.84	15.59	17.30	18.54	19.72
	<i>Galv.</i>	6.95	9.14	11.41	13.67	15.98	18.24	20.54	22.79	24.43	26.00
3/4"	<i>Black</i>	7.00	8.37	10.43	12.52	14.63	16.69	18.79	20.83	22.31	23.73
	<i>Galv.</i>	8.78	11.58	14.49	17.38	20.30	23.16	26.08	28.94	30.99	32.95
1"	<i>Black</i>	9.78	11.81	13.96	16.22	18.81	21.35	24.04	26.67	29.30	31.85
	<i>Galv.</i>	12.41	15.47	18.55	21.82	25.31	28.73	32.37	35.91	38.49	40.95
1 1/4"	<i>Black</i>	12.25	15.53	20.41	24.48	27.81	31.07	34.66	38.14	40.20	42.15
	<i>Galv.</i>	16.54	20.50	24.60	29.01	33.17	37.24	41.61	45.86	49.86	53.72
1 1/2"	<i>Black</i>	13.55	18.04	21.38	25.01	28.40	31.71	35.30	38.80	44.25	49.57
	<i>Galv.</i>	18.55	23.96	28.84	34.08	39.04	43.90	49.08	54.13	58.85	63.41
2"	<i>Black</i>	18.55	24.33	28.82	33.61	38.15	42.58	47.37	52.01	59.07	65.95
	<i>Galv.</i>	24.02	32.04	39.13	46.12	52.76	59.26	66.21	72.98	79.30	85.39
2-1/2 - 6	Price on Application										

Also available in XH, ERW and Stainless Steel...Priced on Application.

**3.1**

**Standard Black Nipples - Seamless - Right hand Threads**  
**Material Specification ASTM - A-106-B**

**CSMLS-808**

**Effective: August 4, 2008**

**Supersedes: CSMLS-508**

DIAM.	CLOSE LENGTH	CLOSE	LIST PRICE PER EACH															
			1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6	7	8	9	10	11	12
1/8	3/4	1.29	1.29	1.33	1.35	1.38	1.48	1.59	1.71	1.84	2.02	2.16	2.65	2.94	3.20	3.38	3.64	3.93
1/4	7/8	1.29	1.29	1.33	1.35	1.48	1.56	1.67	1.81	2.02	2.16	2.29	2.69	2.96	3.32	3.48	3.84	4.11
3/8	1	1.29	1.29	1.33	1.38	1.59	1.61	1.71	1.87	2.04	2.23	2.30	2.73	3.06	3.38	3.64	3.93	4.25
1/2	1-1/8	1.29	1.29	1.38	1.53	1.61	1.71	1.84	1.90	2.15	2.29	2.44	2.80	3.11	3.48	3.84	4.11	4.39
3/4	1-3/8	1.48	1.56	1.67	1.71	1.84	1.90	2.02	2.29	2.47	2.71	2.87	3.20	3.64	4.11	4.39	4.71	5.48
1	1-1/2	2.23		2.52	2.58	2.71	2.87	2.96	3.30	3.57	3.71	3.99	4.30	4.83	5.27	6.01	6.55	7.15
1-1/4	1-5/8	2.87		2.96	3.13	3.42	3.57	3.85	4.14	4.44	4.71	5.02	5.85	6.94	7.03	7.92	8.64	9.09
1-1/2	1-3/4	3.42		3.57	3.85	4.14	4.27	4.41	5.16	5.43	5.71	6.01	7.03	7.58	8.48	9.37	10.12	10.97
2	2	3.85			4.14	4.44	4.61	5.02	5.60	5.71	6.01	6.30	7.30	7.92	8.77	9.76	10.54	11.71
2-1/2	2-1/2	5.62				6.29	6.78	7.29	7.56	8.12	8.69	9.16	10.29	11.45	12.54	13.68	14.86	15.92
3	2-5/8	7.29				7.74	8.37	8.84	9.51	10.16	10.64	11.31	12.88	14.36	15.79	17.14	18.67	20.14
4	2-7/8	11.59						13.68	14.50	15.78	16.92	18.19	20.43	22.53	23.34	27.02	30.07	31.57

**3.3**

**Extra Heavy Black Nipples - Seamless - Right hand Threads**  
**Material Specification ASTM - A-106-B**

**CSMLS-808**

**Effective: August 4, 2008**

**Supersedes: CSMLS-508**

DIAM.	CLOSE LENGTH	CLOSE	LIST PRICE PER EACH															
			1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6	7	8	9	10	11	12
1/8	3/4	2.29	2.29	2.44	2.58	2.78	2.96	3.09	3.30	3.57	3.85	3.99	4.72	5.16	5.85	6.13	6.75	7.30
1/4	7/8	1.59	1.59	1.71	1.84	2.02	2.16	2.18	2.29	2.44	2.58	2.71	3.20	3.48	3.94	4.25	4.52	4.95
3/8	1	1.61	1.61	1.71	1.87	2.03	2.16	2.20	2.30	2.52	2.65	2.88	3.38	3.64	4.12	4.37	4.72	5.18
1/2	1-1/8	1.63	1.63	1.77	1.86	2.05	2.28	2.30	2.58	2.71	2.88	2.96	3.64	3.94	4.39	4.72	4.96	5.28
3/4	1-3/8	2.02	2.02	2.17	2.28	2.44	2.59	2.67	2.93	3.14	3.38	3.57	4.25	4.72	5.09	5.28	5.47	6.13
1	1-1/2	2.87		3.14	3.43	3.57	3.71	3.85	4.14	4.27	4.71	4.83	5.60	5.85	5.84	6.72	7.19	7.58
1-1/4	1-5/8	3.57		3.85	4.14	4.27	4.61	4.83	5.27	5.60	6.01	6.27	7.03	7.87	9.09	9.23	10.01	10.21
1-1/2	1-3/4	4.27		4.61	5.16	5.60	5.71	6.01	6.27	6.89	7.15	7.45	8.51	9.09	10.54	10.85	11.76	12.60
2	2	5.03			6.01	6.27	6.71	7.15	7.56	8.00	8.29	8.57	9.96	10.54	11.38	11.71	12.30	14.35
2-1/2	2-1/2	8.60				9.40	10.03	10.86	11.46	12.28	12.93	13.69	15.14	16.70	19.05	19.97	22.51	23.43
3	2-5/8	10.97				11.59	12.47	13.25	14.07	14.51	15.49	16.37	18.52	20.64	23.96	24.80	28.34	29.03
4	2-7/8	17.14						20.43	21.60	23.43	25.22	27.24	30.63	33.89	37.67	40.45	44.44	47.00

3.5

CSMLS-808

XXH/S160 Black Nipples - Seamless - Right hand Threads

Effective: August 4, 2008

Material Specification ASTM - A-106-B

Supersedes: CSMLS-508

DIAM.	CLOSE LENGTH	CLOSE	LIST PRICE PER EACH															
			1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6	7	8	9	10	11	12
1/2	1-1/8	3.58	3.92	4.20	4.48	4.83	5.14	5.41	5.75	5.99	6.27	6.55	7.41	8.07	8.67	8.97	10.18	11.36
3/4	1-3/8	4.48	4.61	4.82	5.09	5.38	5.88	6.27	6.72	7.02	7.55	8.00	8.76	9.60	10.46	11.08	11.95	12.88
1	1-1/2	6.12		6.55	7.18	7.49	8.15	8.56	8.97	9.77	10.26	10.69	11.42	12.93	13.10	15.80	17.65	18.00
1-1/4	1-5/8	7.80		8.37	9.26	9.88	10.90	11.74	12.47	13.41	14.19	14.92	16.91	18.58	20.99	22.45	23.93	24.38
1-1/2	1-3/4	8.67		9.88	10.46	11.36	11.95	13.17	14.08	14.78	16.04	16.44	18.00	19.44	22.45	23.93	25.43	26.93
2	2	9.41			11.08	11.83	12.74	13.45	14.44	15.00	16.36	17.06	18.58	20.99	23.36	24.21	26.93	28.36
2-1/2	2-1/2	20.52				21.96	24.04	25.27	27.30	29.34	30.97	32.69	36.69	40.40	45.68	48.53	53.52	54.34
3	2-5/8	24.67				26.17	27.14	28.66	30.53	33.62	36.97	38.22	41.59	47.21	49.79	58.57	53.52	61.42
4	2-7/8	41.26						49.29	52.48	56.97	61.29	65.80	74.32	82.38	94.46	98.26	110.24	113.07

3.7

CSMLS-508

Extra Heavy Black Nipples - Seamless - Right Hand Threads

Effective: May 1, 2008

Material Specification ASTM - A-333 Grade 6

Supersedes: CSMLS-605

DIAM.	CLOSE LENGTH	CLOSE	LIST PRICE PER EACH															
			1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6	7	8	9	10	11	12
1/4	7/8	2.36	2.36	2.60	2.76	3.02	3.24	3.28	3.42	3.65	3.88	4.06	4.77	5.21	5.89	6.40	6.75	7.42
3/8	1	2.39	2.39	2.60	2.79	3.03	3.24	3.29	3.43	3.77	3.95	4.33	5.07	5.45	6.16	6.55	7.05	7.72
1/2	1-1/8	2.46	2.46	2.65	2.79	3.06	3.39	3.44	3.85	4.06	4.33	4.43	5.45	5.90	6.55	7.06	7.41	7.91
3/4	1-3/8	3.02	3.02	3.24	3.39	3.63	3.87	3.99	4.37	4.69	5.10	5.34	6.40	7.06	7.60	7.90	8.76	9.18
1	1-1/2	4.33		4.69	5.13	5.34	5.59	5.77	6.22	6.41	7.06	7.23	8.36	8.76	9.87	10.10	10.73	11.41
1-1/4	1-5/8	5.34		5.77	6.22	6.41	6.90	7.23	7.91	8.36	9.02	9.40	10.56	11.85	13.63	13.82	14.95	15.31
1-1/2	1-3/4	6.41		6.90	7.72	8.36	8.58	9.02	9.42	10.33	10.69	11.17	12.68	13.63	15.84	16.28	17.59	18.89
2	2	7.53			9.02	9.42	10.05	10.69	11.35	12.00	12.42	12.85	14.95	15.84	17.09	17.59	18.45	21.52
2-1/2	2-1/2					14.10	15.03	16.32	17.19	18.43	19.38	20.55	22.71	25.06	28.47	29.93	33.62	35.16
3	2-5/8					17.38	18.71	19.90	21.06	21.80	23.20	24.56	27.78	30.95	35.95	37.19	42.53	43.51

3.9

CSMLS-508

XXH/S160 Black Nipples - Seamless - Right Hand Threads

Effective: May 1, 2008

Material Specification ASTM - A-333 Grade 6

Supersedes: CSMLS-605

DIAM.	CLOSE LENGTH	CLOSE	LIST PRICE PER EACH															
			1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6	7	8	9	10	11	12
1/2	1-1/8	5.36	5.85	6.30	6.72	7.23	7.71	8.12	8.62	8.98	9.42	9.87	11.08	12.11	13.00	13.45	15.28	17.04
3/4	1-3/8	6.72	6.93	7.22	7.60	8.06	8.81	9.42	10.10	10.52	11.32	12.00	13.12	14.36	15.69	16.62	17.96	19.30
1	1-1/2	9.18		9.87	10.74	11.22	12.23	12.98	13.45	14.68	15.40	16.04	17.14	19.38	19.65	23.70	26.44	26.99
1-1/4	1-5/8	11.70		12.56	13.91	14.81	16.34	17.62	18.72	20.13	21.28	22.36	25.38	27.84	31.49	33.67	35.89	36.56
1-1/2	1-3/4	13.00		14.81	15.69	17.04	17.96	19.72	21.10	22.21	24.04	24.69	26.99	29.15	33.67	35.89	38.14	40.41
2	2	14.16			16.62	17.72	19.13	20.18	21.62	22.49	24.53	25.61	27.84	31.47	35.04	36.32	40.41	42.58

For Galvanized Seamless Nipples Please add 100% to list price.

10.1

Stainless Steel Schedule 40 Welded Nipples Type 304/304L

DIAM.	CLOSE LENGTH	CLOSE	LIST PRICE PER EACH															
			1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6	7	8	9	10	11	12
1/8	3/4	10.18	13.34	15.79	18.28	20.88	23.34	25.95	28.43	31.04	33.49	36.10	41.87	46.96	52.05	57.11	62.20	67.26
1/4	7/8	11.41	14.14	17.02	20.18	23.34	26.37	29.81	32.94	36.10	39.26	42.29	49.41	55.73	61.92	68.24	74.41	80.73
3/8	1	13.74	16.62	20.18	24.04	27.88	31.71	35.42	39.26	43.12	46.96	50.79	59.72	67.26	74.96	82.63	90.33	98.02
1/2	1-1/8	17.72	21.43	25.55	30.61	35.70	40.79	46.00	51.07	56.01	61.10	66.16	77.14	87.32	97.32	107.48	117.50	127.66
3/4	1-3/8	23.89	25.40	30.49	36.53	42.69	48.74	54.90	60.95	67.14	73.18	79.35	92.11	104.32	116.55	128.76	140.97	153.33
1	1-1/2	31.44		39.26	46.55	54.50	62.32	70.15	78.12	85.94	93.89	101.71	119.16	134.80	150.60	166.36	182.01	197.80
1-1/4	1-5/8	42.14		49.56	58.76	68.77	78.67	88.67	98.70	108.58	118.61	128.63	149.07	168.97	189.03	208.91	228.81	248.87
1-1/2	1-3/4	51.62		56.56	68.24	80.02	91.83	103.64	115.45	127.10	138.91	150.72	175.57	199.18	222.65	246.26	269.85	293.34
2	2	80.02			89.10	103.09	118.46	133.85	149.22	164.58	179.83	195.20	228.81	259.57	290.31	320.92	351.66	382.27
2-1/2	2-1/2	162.10				186.27	210.29	234.45	255.44	279.48	303.62	327.79	381.47	429.62	477.81	525.99	574.15	622.34
3	2-5/8	228.14				251.88	283.59	315.31	326.41	361.13	392.85	424.56	508.14	571.55	634.97	698.37	761.80	825.20
4	2-7/8	291.54						384.07	421.53	462.57	503.76	544.92	652.82	735.03	817.26	899.46	981.82	1064.05
5 - 6		Price on Application																

10.3

Stainless Steel Schedule 40 Welded Nipples Type 316/316L

DIAM.	CLOSE LENGTH	CLOSE	LIST PRICE PER EACH															
			1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6	7	8	9	10	11	12
1/8	3/4	12.33	17.38	21.16	24.78	28.54	32.30	36.21	39.99	43.75	47.50	51.29	59.54	67.05	74.75	82.26	89.80	97.34
1/4	7/8	13.91	17.83	21.74	25.79	29.99	34.20	38.67	42.88	47.08	51.29	55.33	64.75	73.00	81.39	89.80	98.05	106.46
3/8	1	17.25	21.45	26.21	31.58	36.79	42.00	47.21	52.42	57.66	62.87	68.08	79.96	90.38	100.80	111.38	121.80	132.22
1/2	1-1/8	22.91	28.12	34.33	41.42	48.67	55.76	63.16	70.38	76.76	84.72	91.83	107.18	121.51	135.85	150.18	164.52	178.85
3/4	1-3/8	29.84	31.87	38.83	46.92	55.04	63.16	71.26	79.38	87.47	95.59	103.71	120.64	136.85	153.09	169.31	185.52	201.73
1	1-1/2	41.29		52.29	62.87	73.87	84.88	95.88	106.88	117.89	129.05	140.05	163.80	185.94	207.98	229.98	252.12	274.15
1-1/4	1-5/8	56.50		67.05	80.54	94.72	108.92	123.10	137.30	151.64	165.82	180.02	208.98	237.49	264.29	294.41	322.80	351.34
1-1/2	1-3/4	69.67		77.05	94.00	110.80	127.59	144.39	161.19	177.98	194.78	211.57	246.49	280.08	313.67	347.29	380.88	414.47
2	2	108.18			123.84	144.55	166.69	188.85	211.02	233.16	255.32	277.49	324.96	369.29	413.47	457.77	502.07	546.40
2-1/2	2-1/2	205.78				238.08	270.53	302.83	332.08	364.22	396.67	428.94	499.48	564.20	628.93	693.68	758.27	822.99
3	2-5/8	291.37				323.67	366.84	409.98	434.44	477.61	520.77	563.78	671.38	757.53	843.83	930.01	1016.18	1102.49
4	2-7/8	393.47						524.66	579.12	637.47	695.85	754.20	897.85	1014.57	1131.16	1247.88	1364.58	1481.17
5 - 6		Price on Application																

For Schedule 40 Seamless Nipples Use Welded List x 1.75

For Schedule 80 Welded Nipples Use Welded List x 2.00

For Schedule 80 Seamless Nipples Use Welded List x 2.80

For Schedule 160 Seamless Nipples Use Welded List x 4.00

Standard Merchant Couplings ASTM 865						Standard Merchant Half Couplings				
Size	Black Price per C	Galv. Price Per C	Qty Per Carton	Approx Weight Lbs. Per C	Length	Full and Half Couplings O.D.	Size	Black Price Per C	Approx Weight Lbs. Per C	Length
	Straight Tapped	Straight Tapped						Straight Tapped		
1/8"	185.84	209.11	100	3	13/16"	.563"	1/8"	284.51	2	11/32"
1/4"	148.73	185.84	100	7	1 13/16"	.719"	1/4"	171.78	4	17/32"
3/8"	161.18	228.38	100	10	1 13/16"	.875"	3/8"	185.82	5	17/32"
1/2"	305.77	328.13	100	18	1 9/16"	1.063"	1/2"	258.45	8	23/32"
3/4"	351.71	439.24	50	26	1 5/8"	1.313"	3/4"	297.62	12	3/4"
1"	514.99	645.17	25	42	2"	1.576"	1"	436.30	18	15/16"
1 1/4"	708.82	759.75	25	50	2 1/16"	1.900"	1 1/4"	1199.22	23	31/32"
1 1/2"	777.43	971.22	25	67	2 1/16"	2.200"	1 1/2"	1317.38	32	31/32"
2	1165.02	1212.95	10	103	2 1/8"	2.750"	2	1479.98	47	1"
	Taper Tapped	Taper Tapped						Taper Tapped		
2 1/2"	3514.12	4039.86		215	3 1/8"	3.250"	2 1/2"	2928.44	96	1 1/2"
3"	4570.80	5257.06		346	3 1/4"	4.000"	3"	3809.01	160	1 9/16"
3 1/2"	6386.19	7343.14		518	3 3/8"	4.625"	3 1/2"	10643.65	222	1 5/8"
4"	6612.57	7647.30		487	3 1/2"	5.000"	4"	5510.48	211	1 11/16"
5"	10181.74	11711.20		875	3 3/4"	6.296"	5"	11570.16	380	1 3/4"
6"	11017.65	13217.06		1188	4"	7.390"	6"	12520.06	528	1 7/8"

Note: Standard Merchant Couplings in sizes 1/8" to 2" inclusive will be supplied straight tapped. AISI specifies Straight Tapped in sizes up to and including 2"; Taper, Tapped in sizes 2 1/2" and larger. Galvanized are electro zinc plated I.D. & O.D. For couplings over 6" diameter, use A.P.I. Line Coupling Schedule.

*A.P.I. Line and **Extra Heavy Non-Recessed (A.A.R.)						Extra Heavy Half Couplings				
Size	Black Price per C	Galv. Price Per C	Qty Per Cart.	Approx Weight Lbs. Per C	Length	Full and Half Couplings O.D.	Size	Black Price Per C	Approx Weight Lbs. Per C	Length
	Straight Tapped	Straight Tapped						Straight Tapped		
1/8"	895.13	965.68	100	4	1-11/16	.563"	1/8"	646.21	2	15/32"
1/4"	508.46	559.08	100	9	1-5/8	.719"	1/4"	298.72	4	3/4"
3/8"	742.07	816.43	100	13	1-5/8	.875"	3/8"	415.59	6	3/4"
1/2"	699.14	769.98	100	24	2-1/8	1.063"	1/2"	473.13	11	1"
3/4"	999.51	1098.86	50	34	2-1/8	1.313"	3/4"	667.74	17	1"
1"	1393.06	1533.25	25	54	2-5/8	1.576"	1"	1033.83	35	1-1/4"
1 1/4"	2196.08	2393.36	25	103	2-3/4	2.054"	1-1/4"	1372.14	51	1-5/16"
1 1/2"	2734.15	2979.48	20	90	2-3/4	2.200"	1-1/2"	1405.79	45	1-5/16"
2	3962.21	4316.17	15	186	2-7/8	2.875"	2	2240.13	92	1-3/8"
2 1/2"	4881.76	5616.22		327	4-1/8	3.375"	2-1/2"	3573.10	172	2"
3"	7154.78	8228.80		409	4-1/4	4.000"	3"	3642.25	212	2-1/16"
3 1/2"	8383.30	9637.70		592	4-3/8	4.625"	3-1/2"	5243.82	297	2-1/8"
4"	8785.50	10099.94		759	4-1/2	5.200"	4"	5859.92	384	2-3/16"
5"	16711.05	19214.74		998	4-5/8	6.296"	5"	10836.35	485	2-3/16"
6"	17161.30	19737.65		1292	4-7/8	7.390"	6"	12332.41	685	2-5/16"
8"	39625.24	41845.43		2318	5-1/4	9.625"				
10"	POA	POA		3155	5-3/4	11.750"				
12"	POA	POA		4927	6-1/8	14.000"				

# STEEL PIPE FITTINGS

## HEX BUSHINGS SEAMLESS STEEL

FORMED FROM SOLID STEEL BAR

TAPER TAPPED

SIZE	WEIGHT PER C	QTY/CTN	LIST PRICES/100 PIECES	
			BLACK	ZINC COATED
1/4 x 1/8"	2	100	66.90	73.70
3/8 x 1/8"	5	100	79.10	91.20
3/8 x 1/4"	3	100	79.10	91.20
1/2 x 1/8"	11	100	115.20	131.00
1/2 x 1/4"	9	100	115.20	131.00
1/2 x 3/8"	6	100	115.20	131.00
3/4 x 1/8"	21	100	183.20	209.20
3/4 x 1/4"	18	100	183.20	209.20
3/4 x 3/8"	15	100	183.20	209.20
3/4 x 1/2"	10	100	183.20	209.20
1 x 1/8"	36	50	313.20	355.20
1 x 1/4"	33	50	313.20	355.20
1 x 3/8"	30	50	313.20	355.20
1 x 1/2"	27	50	313.20	355.20
1 x 3/4"	18	50	313.20	355.20

Conforms to requirements of ANSI B 16.14 and the  
Federal Specification Board.

For FORGED STEEL FITTINGS - SEE SEPARATE SHEET

## ROUND PIPE CAPS SEAMLESS STEEL

300# STEAM, 500F

HIGH TENSILE STRENGTH

TAPER TAPPED

SIZE	WEIGHT PER C	QTY/CTN	LIST PRICES/100 PIECES	
			BLACK	ZINC COATED
1/8"	2	100	79.40	82.90
1/4"	4	100	82.30	88.30
3/8"	6	100	112.80	124.10
1/2"	12	100	178.20	196.20

Conforms to requirements of ANSI B 16.14 and the  
Federal Specification Board.

For FORGED STEEL FITTINGS - SEE SEPARATE SHEET

## SQUARE HEAD PLUGS SEAMLESS STEEL

300# STEAM, 500F

SIZE	WEIGHT PER C	QTY/CTN	LIST PRICES/100 PIECES	
			BLACK	ZINC COATED
1/8"	2	100	22.20	28.40
1/4"	4	100	29.80	33.80
3/8"	6	100	47.20	54.00
1/2"	12	100	69.50	80.40
3/4"	20	50	101.40	119.40

Conforms to requirements of ANSI B 16.14/SAEJ 531

For FORGED STEEL FITTINGS - SEE SEPARATE SHEET

## COUNTERSUNK PLUGS SQUARE OR HEX SOCKET\*

SIZE	WEIGHT PER C	QTY/CTN	LIST PRICES/100 PIECES	
			BLACK	ZINC COATED
**1/8"	1	100	22.80	25.10
1/4"	2	100	28.80	31.80
3/8"	3	100	41.10	45.50
1/2"	6	100	59.50	65.10
3/4"	10	50	88.30	97.60
1"	20	50	186.80	205.50
1-1/4"	33	50	423.00	465.90
1-1/2"	46	50	973.30	1070.10
2"	88	50	1855.90	2037.90

Conforms to requirements of ANSI B 16.14/SAEJ 531

\*Square Socket will be supplied unless otherwise specified.

\*\*Available only in hex socket.

5.0

# METAL ADAPTERS

## Male Thread Adapters

Size	Approx. WT/C (Lbs.)	Quantity Per Carton	Galvanized Steel	
			Part #	Net Price /C
1/2	14	25	M-10	104.86
3/4	23	25	M-20	113.42
1	34	20	M-30	155.47
1-1/4	50	20	M-40	199.23
1-1/2	64	20	M-50	255.62
2	90	10	M-60	333.31
2-1/2	200	10	M-70	993.17
3	250	10	M-80	1416.47
4	450	10	M-90	2172.64

## Insert Couplings

Size	Approx. WT/C (Lbs.)	Quantity Per Carton	Galvanized Steel	
			Part #	Net Price /C
1/2	9	25	C-10	170.02
3/4	19	25	C-20	211.86
1	30	20	C-30	266.32
1-1/4	46	20	C-40	358.45
1-1/2	62	20	C-50	366.90
2	107	10	C-60	752.21
2-1/2	150	10	C-70	1204.82
3	250	10	C-80	1489.87
4	575	10	C-90	2285.84

## Well Seal Elbows

### Free Flow Pattern

Size	Approx. WT/C (Lbs.)	Quantity Per Carton	Galvanized Steel	
			Part #	Net Price /C
1	175	20	W-30	966.10
1-1/4	300	10	W-40	1005.59

## Capadapters

### Male Venturi Thread Adapters

Size	Approx. Wt/C	Qty. Per Carton	10" Overall Length Galvanized Steel	
			Part #	Net Price /C
1	124	12	MV-310	628.63
1-1/4	163	12	MV-410	710.27

Available in Brass and Stainless Steel, please call for pricing and availability.

## Warranty

ALL CAPPRODUCTS, LTD PRODUCTS ARE WARRANTED TO BE FREE FROM MANUFACTURING DEFECTS AND ANY FOUND TO BE DEFECTIVE WILL BE REPLACED WITHOUT CHARGE PROVIDED (1) THE PRODUCT WAS USED AS RECOMMENDED AND IN ACCORDANCE WITH APPROVED INSTALLATION AND OPERATING PRACTICES; (2) THAT ITS FAILURE RESULTED FROM A MANUFACTURING DEFECT AND NOT FROM DAMAGE DUE TO CORROSIVE, ABRASIVE, OR OTHER WEAR NORMALLY EXPECTED IN THE SERVICES INVOLVED. NO LABOR COST OR OTHER EXPENSE WILL BE ASSUMED.

## The Phoenix Forge Group

### Terms and Conditions

Freight Terms: All shipments are F.O.B. Factory. Our responsibility ceases after we make delivery to the carrier. Claims for damages, loss, or delay in transit should be made to the carrier. Full freight at the lowest published rate will be allowed on a single order to a single location. Freight Allowance: Shipments F.O.B. our plant, Vanastra, Ontario. Full freight allowed on shipments of 250# Stainless Steel Nipples only or may be combined with carbon steel pipe fittings and carbon steel pipe nipples to reach a prepaid level of \$1500.00 net or 1000#. CapProducts Brand and CAMCO Brand stainless steel pipe fittings may not be used to reach the 250#, 1000# or \$1500 net prepaid level. All prepaid shipments are by carrier of our choice and to recognized destinations only.

UPS Shipments \$7.00 Handling Charge.

Terms: 2% 10 Days, net 30 days. Minimum Invoice Value: \$50.00.

ALL SHIPMENTS SUBJECT TO PRICE IN EFFECT AT TIME OF SHIPMENT.

Restocking & Handling Charge: See Returned Parts Policy.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

### Phoenix

"Phoenix" as used throughout these terms and conditions means CapProducts, Ltd.

Phoenix Terms & Conditions of Sale as outlined on acknowledgements and bid proposals govern all material transactions.

### Returned Parts

Phoenix reserves the right to decline the return of material. We must issue a written return goods authorization and instructions (RGA) prior to the return of any material. A handling and restocking charge of 25% will be applicable to any authorized returned material. Authorization for the return of material more than 60 days old must be reviewed on an individual basis. Terms and conditions for the return of authorized material will be issued at the time of approval.

### Nonconforming Parts

Phoenix reserves the right to replace, repair, or authorize the return of any material not in accordance with agreed upon and published manufacturing practices. Phoenix will only be responsible to the value of the nonconforming material.

### Entire Agreement

This Contract contains the entire agreement between the parties and supercedes all prior agreements and representations, written and oral. Phoenix's acceptance of, or acquiescence in, a course of performance by Buyer shall not be relevant or admissible to determine the meaning of this Contract, even if Phoenix had knowledge of the nature of the performance and an opportunity to make objection. No changes, additions, or deletions shall incorporate the Terms and Conditions listed herein. Phoenix shall not be bound by any additional provisions or provisions at variance herewith that may appear in Buyer's purchase order(s) or acknowledgement(s) unless such provision is expressly agreed to in writing by Phoenix.

### Limited Warranty

Phoenix warrants materials sold to be free from defects in workmanship for a period of one (1) year from the date of sale. Phoenix will, at its option, repair or replace any defective materials if reported in writing to Phoenix so that such writing is received within one (1) year after the date of sale. Such limited warranty shall be Phoenix's only obligation with respect to the materials sold hereunder. Phoenix specifically disclaims and buyer specifically waives any other express implied warranties, including any warranty of merchantability, warranty of fitness for a particular purpose, or warranties against latent defects or redhibitory vices. Buyer agrees that Phoenix is not liable for any claims, demands, or other liabilities whatsoever arising out of this Contract, including claims related to the sale, resale, timeliness of delivery, the delivery itself, or the assembly of materials, whether any of the foregoing are based in contract, tort, (including negligence or strict liability) or otherwise, and Buyer agrees to defend and hold Phoenix harmless from any such claims, demands, or liabilities. Buyer specifically waives any remedy or right of revocation of acceptance, rescission, or redhibition. Buyer specifically waives any right to recover any special, indirect, incidental, or consequential damages, lost profits, or damages from loss of use in connection with this sale. The foregoing waivers and disclaimers shall be considered a material and integral part of any sale between the parties.

### Freight and Taxes

Unless specifically set forth herein, the price for the goods does not include freight or delivery, neither does it include any taxes. Buyer agrees to remain responsible for any taxes which are not collected by Phoenix at the time of sale. All sales taxes extra, please show license on order.

### Payment

If Phoenix extends credit to Buyer, payment shall be due thirty days after the invoice date. Buyer agrees that all past due sums shall accrue interest at eighteen percent per annum. Should Phoenix institute legal action to collect any sums due to Phoenix, Buyer agrees to pay all costs of collection including attorney's fees of at least ten percent of the amount due.

### Severability

Should any provision of the Contract be enforceable or ruled invalid under the law, the remainder of this Contract shall nonetheless remain valid.