

#	Manufacturer	Makers Mark	City	State (Provence)	Country	Shells Manufactured	Dates
1	?	B.S. CO					
2	?	F.P.S.Co.					1917
3	?	R.M. Co					
4	A. B. Ormsby Co. (Ltd.)		Toronto	Ontario	Canada	29	
5	A. J. Vance & Co.		Winston_Salem	N. C.	USA	29	
6	A. P. Smith Co.		Orange	N. J.	USA	6	
7	A. P. Smith Manufacturing Co.		East Orange	N. J.	USA	28	
8	Alberta Foundry & Machinery Co.			Alberta	Canada	18,19,25	
9	Allegheny Steel Co.		Pittsburgh	Pa.	USA	25	
10	Allis-Chalmers Co.		Milwaukee	Wis.	USA	6	
11	American & British Manufacturing Co.		Bridgeport	Conn.	USA	25	
12	American Brake Shoe & Foundry Co.		New York City	N. Y.	USA	8,26	
13	American Can Co.	ACCo	New York City	N. Y.	USA	6,7	
14	American Car & Foundry Co.		New York City	N. Y.	USA	8,13,28,31	
15	American Clay & Machine Co.		Bucyrus	Ohio	USA	8,32	
16	American International Corporation		New York City	N. Y.	USA	6	
17	American Locomotive Co.	ALCO			USA		
18	American Machine & Manufacturing Co.		Atlanta	Ga.	USA	8	
19	American Machinery Corporation		Port Huron	Mich.	USA	6	
20	American Ordnance Co.	AmOCo	Bridgeport	Conn.	USA		1896-1902
21	American Radiator Co.		Washington	D. C.	USA	10,13	
22	American Radiator Co.		Buffalo	N. Y.	USA	21	
23	American Rolling Mills		Middletown	Ohio	USA	8,10,12	
24	American Steel Foundry Co.		Chicago	Ill.	USA	8,26,28	
25	Anniston Steel Co.		Anniston	Ala.	USA	30	
26	Ardelwerke (Eberswalde)	A,W.			Germany		
27	Armstrong Ck. Co.		Lancaster	Pa.	USA	25	
28	Artillerie de Puteaux	Px			France		
29	Artillerie Werkstatt Dresden	AWDr			Germany		
30	Artillerie Werkstatt Spandau	AWS			Germany		
31	Atelier de Chargement de Moulins	AMS			France		
32	Atelier de Construction de Bourges	ABS			France		
33	Atelier de Constructions de Puteaux	APX			France		
34	Atelier de Constructions de Rennes	ARS			France		
35	Atelier de Constructions de Toulouse	ATE			France		
36	Auto Transportation Co.		Buffalo	N. Y.	USA	6	
37	Bartlett-Hayward Co.		Baltimore	Md.	USA	7,14,22,24	
38	Batavia Steel Products		Batavia	N. Y.	USA	6	
39	Bell Manufacturing Co.		Fairmont	Ind.	USA	25	
40	Berndorf Metalware Fabrik	BMF			Germany [Austro-Hungary]		
41	Bethlehem Steel Co.	BSC-unknown if same for both plants	Bethlehem	Pa.	USA	32	
42	Bethlehem Steel Co.	BSC-unknown if same for both plants	South Bethlehem	Pa.	USA	9,13,30	
43	Biscoe Motor		Jackson	Mich.	USA	9	
44	Bossert Corporation		Utica	N. Y.	USA	7	
45	Bridgeport Projectile Co.		Bridgeport	Conn.	USA	25	
46	British Forgings (Ltd.)		Toronto	Ontario	Canada	26	
47	British War Mission. Munsey Building		Washington	D. C.	USA	26	
48	Buffalo Pitts Co.		Buffalo	N. Y.	USA	17,25	
49	Campbell Howard Machine Co.		Sherbrooke	Quebec	Canada	25	
50	Canada Car and Foundry Co.		Montreal	Quebec	Canada	6	
51	Canada Cement Co.		Montreal	Quebec	Canada	26	
52	Canada Forge Co.		Welland	Ontario	Canada	7	
53	Canada Iron Foundry Co.		Montreal	Quebec	Canada	9	
54	Canadian Allis-Chalmers Co.		Toronto	Ontario	Canada	6	
55	Canadian Bridge Co.		Walkersville	Ontario	Canada	6,27	

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56	Canadian Crocker Wheeler		St. Catherines	Ontario	Canada	6	
57	Canadian Fairbanks Morse		Toronto	Ontario	Canada	6	
58	Canadian Ingersoll Rand Co.		Sherbrooke	Quebec	Canada	6	
59	Canadian Metal Co.		Toronto	Ontario	Canada	6	
60	Canadian Westinghouse Co.		Hamilton	Ontario	Canada	25	
61	Canon 75 de Campagne	DE C			France		
62	Carnegie Steel Co.		McKees Rocks	Pa.	USA	32,33	
63	Carnegie Steel Co.		Munhall	Pa.	USA	31	
64	Carnegie Steel Co.		Pittsburgh	Pa.	USA	26,28,31	
65	Caron Bros.		Montreal	Quebec	Canada	9	
66	Chamberlain Machine Works		Waterloo	Iowa	USA	4	
67	Chicago Pneumatic Tool Co.		Chicago	Ill.	USA	6	
68	Chicago Rlg. Equipment Co.		Chicago	Ill.	USA	11	
69	Cleveland Crane & Engineering Co.		Wickliffe	Ohio	USA	9,29	
70	Cluff Ammunition Co.		Toronto	Ontario	Canada	6,9	
71	Columbian Iron Works		Chattanooga	Tenn.	USA	30	
72	Consolidated Car Heating Co.		Albany	N. Y.	USA	6	
73	Cribbon Sexton Co.		Chicago	Ill.	USA	12	
74	Curtis & Co. Manufacturing		St. Louis	Mo.	USA	8,9,26,28	
75	Dantzig	Dn			Germany		
76	Darling Bros.		Montreal	Quebec	Canada	18,25	
77	Dayton Ohio Products Co.		New York City	N. Y.	USA	6,14	
78	Detroit Shell Co.		Detroit	Mich.	USA	8	
79	Deutsche Waffen und Munition Fabrik, Berlin	D.W.M.			Germany		
80	Deutsche Waffen und Munitionsfabrik	DWM			Germany		
81	Dominion Bridge Co.		Winnipeg	Manitoba	Canada	2	
82	Dominion Bridge Co.		Montreal	Quebec	Canada	6,26	
83	Dominion Copper Products	DCP Co	Montreal	Quebec	Canada	9	
84	Dominion Foundries & Co. (Ltd.)		Hamilton	Ontario	Canada	26	
85	Dominion Foundry & Steel Co.		Hamilton	Ontario	Canada	12	
86	Dominion Steel Foundry		Hamilton	Ontario	Canada	9,26	
87	Dresden	Dr			Germany		
88	E. W. Bliss Co.		Brooklyn	N. Y.	USA	6,19,25	
89	Ecole centrale de Pyrotechnic à Bourges	ECP			France		
90	Ecole centrale de Pyrotechnic à Bourges	ECP			France		
91	Ecole Pyrotechnique, Antwerp	EP			Belgium		
92	Eddystone Munitions		Eddystone	Pa.	USA	6,7	
93	Electric Steel & Metal Co.		Welland	Ontario	Canada	6	
94	Elswick Ordnance Company	EOC			England		
95	Elyria Machine Co.		Elyria	Ohio	USA	8	
96	Etablissement Delaunay-Belleville	EDB			France		
97	F. R. Wilford & Co.		---	---	USA	15	
98	Fairfax Forge Co.		Montreal	Quebec	Canada	9	
99	Federal Press Steel Company	FPS	Milwaukee	Wis.	USA		
100	Fisher Motor Co.		Orilla	Ontario	Canada	27	
101	Frankford Arsenal		Philadelphia	Pa.	USA	7,14,15,16,19,22,23,24,25,30	
102	Friedrich Niemeyer	FN			Germany		
103	G. W. McFarland Engineering Co.		Paris	Ontario	Canada	6,9	
104	Gebrüder Bing, Nuremberg	GB			Germany		
105	Gelsenkirchner Gusstahl Werke	G.G.W.			Germany		
106	Geschossfabrik nr.217	G217			Germany		
107	Goldie & McCullough		Galt	Ontario	Canada	6	
108	Granatfülling	Gf			Germany		
109	Grand Rapids Brass Co.		Grand Rapids	Mich.	USA	20	
110	Grant Motor Car Co.		Cleveland	Ohio	USA	12	
111	Haniel Luege Düsseldorf	HL			Germany		
112	Hannoversche Maschinenbau Aktiengesellschaft	H.M.A.G.			Germany		
113	Haroun Motor Corporation		Wayne	Mich.	USA	8	
114	Holden Morgan Thread Co.		Toronto	Ontario	Canada	9	
115	Hudson Motor		Detroit	Mich.	USA	9	
116	Hydraulic Pressed Steel Co.		Cleveland	Ohio	USA	2,6,7,15,16,25	
117	Imperial Munitions Board		Ottawa		Canada	26	
118	Indiana Fiber Co.		Marion	Ind.	USA	25	
119	International Arms & Fuse		Bloomfield	N. J.	USA	11	
120	International Clay and Machine		Dayton	Ohio	USA	6	
121	J. Bertram & Co.		Dundas	Ontario	Canada	6	
122	J. J. Cavrick		Batavia	N. Y.	USA	8	
123	Jackson Munitions		Jackson	Mich.	USA	4,6,11	

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124	Jenckes Machine Co.	JM Co					
125	John Bartram Sons		Dundee	Ontario	Canada	9	
126	John Inglis Co.		Toronto	Ontario	Canada	2,6,9	
127	Kohler Co.		Kohler	Wis.	USA	13	
128	Krupp	Kp			Germany		
129	Krupp	Kp			Germany		
130	Krupp Essen	KP			Germany		
131	Lachine Manufacturing Co.		Lachine	Quebec	Canada	6	
132	LaClede Gas Light Co.		St. Louis	Mo.	USA	9,28	
133	Laconia Car Co.		Laconia	N. H.	USA	6,7	
134	Leaside Munitions Corporation		Toronto	Ontario	Canada	32	
135	Liberty Ordnance Co.		Bridgeport	Conn.	USA	7	
136	Lubenstadt	L			Germany		
137	Ludwig Loewe, Berlin	L (monogram)			Germany		
138	Lymburner (Ltd.) Co.		Montreal	Quebec	Canada	6	
139	MacFarlane Electrical Co., London	MAC			England		
140	Machine Products Co.		Cleveland	Ohio	USA	29	
141	Magdeburg	Polte			Germany		
142	Manitoba B. & I. Co.		Winnipeg	Manitoba	Canada	2	
143	Manufacturing Production Co.		Dayton	Ohio	USA	6	
144	Maritime Manufacturing Co.		Montreal	Quebec	Canada	18,25	
145	Maritime Manufacturing Corporation		St. John	New Brunswick	Canada	26	
146	Maxwell Motor Co.		Detroit	Mich.	USA	6	
147	McMyler Interstate Co.		Cleveland	Ohio	USA	26,29	
148	Mead Morris & Co.		Gloucester	Mass.	USA	11	
149	Medicine Hat P. & B. Co.		Medicine Hat	Alberta	Canada	2	
150	Metal Production Co.		Beaver	Pa.	USA	22	
151	Midvale Steel and Ordnance Co.		Philadelphia	Pa.	USA	8,10,26	
152	Milton Manufacturing Co.		Milton	Pa.	USA	12,21,25,29	
153	Minneapolis Steel & Machine Co.		Minneapolis	Minn.	USA	8,11	
154	Moline Forging and Machining Co. (Forge Co.)		Moline	Ill.	USA	4,6	
155	Montreal Locomotive Works	MLW	Montreal	Quebec	Canada		
156	Moon Motor Co.		St. Louis	Mo.	USA	9	
157	Motor Products Corporation		Detroit	Mich.	USA	26	
158	Motors Truck (Ltd.)		Brantford	Ontario	Canada	25,28	
159	Mueller Manufacturing Co.		Port Huron	Mich.	USA	6	
160	Mueller Metal Co.		Wayne	Mich.	USA	6	
161	Munition & M. N.		Sorel			9	
162	National Iron Works		Toronto	Ontario	Canada	9	
163	National Tube Co.		Pittsburgh	Pa.	USA	9	
164	National Tube Co. Christie Pks. Works		Pittsburg	Pa.	USA	17,18,19,22,25	
165	Naval Gun Factory	N.G.F.	Washington	D. C.	USA		
166	Neckarsulmer Gesellschaft	NSU			Germany		
167	New Home Sewing Machine Co.		Orange	Mass.	USA	11	
168	New York Air Brake Co.	NYAB	New York City	N. Y.	USA	6,8,11	
169	North American Motor Co.		Pottstown	Pa.	USA	8,11	
170	Otis Fenson Elevator Co.		Hamilton	Ontario	Canada	9	
171	P. Lyall & Sons		Montreal	Quebec	Canada	9,25	
172	P. Tyrall Construction Co.		Montreal	Quebec	Canada	29	
173	Parc d'Artillerie de Paris	PDPs			France		
174	Parc d'Artillerie de Place de Bourges	PBS			France		
175	Parc d'artillerie de Place de Brest	BT			France		
176	Parc d'Artillerie de Place de Clermont-Ferrand	PCFD			France		
177	Parc d'Artillerie de Place de Lorient	LT			France		
178	Parc d'Artillerie de Place de Lyon	LN			France		
179	Parc d'Artillerie de Place de Paris	PDP			France		
180	Parc d'Artillerie de Place de Toul	TL			France		
181	Parc d'Artillerie de Place de Toulon	TN			France		
182	Parc d'Artillerie de Place de Verdun	VN			France		
183	Parc d'Artillerie de Versailles	PVS			France		
184	Parc d'Artillerie de Vincennes	PVIS			France		
185	Platt Iron Works		Dayton	Ohio	USA	6	
186	Pollak Steel Co.		New York City	N. Y.	USA	26	
187	Polte, Magdeburg	P			Germany		
188	Poole Engineering and Machine Co.	P.E.M. Co.					
189	Potter & Johnson		Pawtucket	R.I.	USA	8,9,11	
190	Potz und Sandt, Mannheim	P&S			Germany		
191	Poudrierie de Toulouse	TE			France		
192	Pressed Steel Car Co.		McKeesport	Pa.	USA	30	
193	Pressed Steel Car Co.		Pittsburgh	Pa.	USA	8,9,26	
194	Pullman Co.		Pullman	Ill.	USA	11	

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195	Pyrotechnic Maritime de Lorient	L			France		
196	Pyrotechnic Maritime de Toulon	T			France		
197	R. Leonard & Sons		London	Ontario	Canada	9	
198	Rathbone Sard & Co.		Aurora	Ill.	USA	10	
199	Rheinische Munitionsfabrik Düsseldorf	RhMF			Germany		
200	Robb Engineering Co.		Amherst	N. J.	USA	25	
201	Roberts Filter Co.		Darby	Pa.	USA	6	
202	Root & Vandervoort Engineering Co.		East Moline	Ill.	USA	26	
203	Royal Laboratories, Woolwich Arsenal	RL			England		
204	Russell Motor Car Co.		Toronto	Ontario	Canada	27	
205	Ry. Ind. Engineering Co.		Greensburg	Pa.	USA	25	
206	S. A. Wood Manufacturing Co.		Boston	Mass.	USA	6	
207	Salisbury Wheel and Axle Co.		Jamestown	N. Y.	USA	2	
208	Saskatchewan Bridge and Iron Works		Moose Jaw	Saskatchewan	Canada	2	
209	Scullin Steel Co.		St. Louis	Mo.	USA	28	
210	Sherbrooke Ironworks		Sherbrooke	Quebec	Canada	25	
211	Siegburg	Sg			Germany		
212	Singer Manufacturing Co.	SMC					
213	Smead & Co.		Jersey City	N. J.	USA	6	
214	Société Française des Munitions	SFM			France		
215	Société Française des Munitions	Ste Fse Mons			France		
216	Southern Machinery Co.		Chattanooga	Tenn.	USA	30	
217	Spandau	Sp			Germany		
218	Spartan Manufacturing/Machine Co.		Montreal	Quebec	Canada	18,25	
219	Spencer Engine Co.		Toledo	Ohio	USA	4	
220	St. Lawrence Bridge Co.		Montreal	Quebec	Canada	27	
221	Standard Forging Co.		Chicago	Ill.	USA	8,9,26,32	
222	Standard Forging Co.		Indiana Harbor	Ind.	USA	11	
223	Standard Sanitary Co.		Pittsburgh	Pa.	USA	8,9	
224	Standard Steel Car Co.		Hammond	Ind.	USA	30	
225	Standard Steel Car Co.		Butler	Pa.	USA	8,11,26	
226	Steel Co. of Canada		Brantford	Ontario	Canada	6	
227	Steel Products Co.		Huntington	W. Va.	USA	25	
228	Strasbourg	Sb			Germany		
229	Studebaker Corporation		Detroit	Mich.	USA	9	
230	Symington Chicago Corporation		Chicago	Ill.	USA	12	
231	Symington Machine Co.		Rochester	N. Y.	USA	3,6,7	
232	Symington Manufacturing Co.		Rochester	N. Y.	USA	5	
233	T. A. Gillespie		Parlin	N. J.	USA	6	
234	Taylor Forbes (Ltd.)		Toronto	Ontario	Canada	9	
235	Templer Motor Co.		Cleveland	Ohio	USA	11	
236	Thurlow Steel Works		Chester	Pa.	USA	25	
237	Toledo Screw Products & Co.		Toledo	Ohio	USA		
238	Twin City Forge & Foundry Co.		Stillwater	Minn.	USA	8,11,17,29	
239	United States Ammunition Corporation		Poughkeepsie	N. Y.	USA	27	
240	United States Government		---	---	USA	17	
241	Valley Forge Co.		Verona	Pa.	USA	6	
242	Vermont Farm Machine Co.		Bellows Falls	Vt.	USA	6	
243	Vickers, Son and Maxim	VSM			England		
244	W. H. Banfield & Sons		Toronto	Ontario	Canada	6	
245	W. J. Oliver Manufacturing Co.		Knoxville	Tenn.	USA	8	
246	Wagner Electric Manufacturing Co. (Electrical & Manufacturing)		St. Louis	Mo.	USA	8,26	
247	Warden King & Co.		Montreal	Quebec	Canada	9	
248	Washington Navy Yard	WNY	Washington	D. C.	USA		
249	Washington Steel & Ordnance Co. Giesboro Manor		Washington	D. C.	USA	32,33,34	
250	Watertown Arsenal		Watertown	Mass.	USA	32,33	
251	West Shell & Box Co.		North Edmonton	Alberta	Canada	2	
252	Westfield Manufacturing Co.		Westfield	Mass.	USA	6	
253	Westinghouse Electric & Manufacturing Co.		Pittsburgh	Pa.	USA	26,30	
254	Wheeling Mold and Foundry		Wheeling	W. Va.	USA	6	
255	Whittaker Glessner Co.		Portsmouth	Ohio	USA	8,9,11,12,13	
256	Willys Overland Co.		Toledo	Ohio	USA	26	
257	Wilson Foundry & Machine Co.		Pontiac	Mich.	USA	10	
258	Winchester Repeating Arms Co.		New Haven	Conn.	USA		
259	Winslow Bros. Co.		Chicago	Ill.	USA	8,12	
260	Wire Wheel Corporation		Springfield	Mass.	USA	6	
261	Wm. Wharton Manufacturing Co.		Philadelphia	Pa.	USA	8,14,26	

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262	Wm. Wharton, Jr.		Easton	Pa.	USA	30	
263	Worthington Pump Machine Co.		New York City	N. Y.	USA	6	

<u>ID</u>	<u>US Shell Type</u>
1	37mm Projectile
2	3-inch antiaircraft high explosive shell
3	3-inch antiaircraft shrapnel
4	75-millimeter antiaircraft high explosive shell
5	75-millimeter antiaircraft shrapnel
6	75-millimeter gas and high explosive shell
7	75-millimeter field-gun shrapnel
8	155-millimeter howitzer high-explosive shell, Mark I, type B
9	155-millimeter howitzer high-explosive shell, Mark IV, type D
10	155-millimeter howitzer gas shell
11	155-millimeter howitzer high-explosive shell, Mark III, type B
12	155-millimeter howitzer high-explosive shell, Mark V, type D
13	155-millimeter gun gas shell
14	155-millimeter gun and howitzer shrapnel
15	3.8-inch howitzer shell
16	3.8-inch howitzer shrapnel
17	4.72-inch shell
18	4.7-inch antiaircraft shell
19	4.7-inch antiaircraft shrapnel
20	4.7-inch drill projectile
21	4.7-inch gun gas shell
22	4.7-inch gun shrapnel
23	4.7-inch gun howitzer
24	4.7-inch gun howitzer shrapnel
25	4.7-inch gun high-explosive shell
26	8-inch gun and howitzer high-explosive and gas shell
27	9.2-inch howitzer high-explosive shell
28	240-millimeter high-explosive shell
29	5-inch seacoast gun shell
30	6-inch seacoast gun shell
31	10-inch seacoast gun shell
32	12-inch seacoast gun shell
33	14-inch seacoast gun shell
34	16-inch seacoast howitzer shell