

TABLE 6.—*Various dissected rifle cartridges and their ballistic data* *

Country	Rifle		Powder		Bullet			Muzzle velocity	Muzzle energy
	Kind	Caliber	Weight	Type	Length	Diameter	Weight		
			Grains		Inches	Inch	Grains	Foot-seconds	Foot-pounds
Austria.....	Mannlicher.....	*. 315	43	Nitrocellulose.....	1.25	0.323	241	2,121	2,408
France.....	Lebel.....	*. 315	46	do.....	1.54	.320	198	2,270	2,266
Germany.....	Mausier.....	*. 311	48	do.....	1.10	.323	154	2,777	2,637
Great Britain.....	Lee-Enfield.....	.303	38	Nitroglycerine (cordite).....	1.3	.311	174	2,440	2,300
Italy.....	Mannlicher-Carcano.....	*. 256	35	Nitroglycerine (ballistic).....	1.25	.266	161	2,265	1,857
Russia.....	Nagant.....	.30	48-50	Pyroxilin.....	1.12	.308	149	2,866	2,685
United States.....	Springfield, 1903 (1906 cartridges).....	.30	47-50	Pyrocellulose.....	1.07	.308	150	2,700	2,429

* Sources of information: (1) Table RN 471.842-45. On file, Infantry and Aircraft Armament Division, Manufacturing Service, Ordnance Department, unnumbered. (2) Table, Ballistic information and results of firing ammunition of the various countries. Fired at the experimental station. Ballistics Division, experimental station, E. I. Du Pont de Nemours & Co., Henry Clay, Delaware. On file, Infantry and Aircraft Armament Division, Manufacturing Service, Ordnance Bureau, unnumbered. (3) Textbook of Small Arms, 1909, printed for His Majesty's Stationery Office. London, Harrison & Sons, 259. (4) Consolidated Data of Reports on Hand at Frankford Arsenal, Pa., British Small Arms Ammunition, May, 1920; source unknown. On file, Infantry and Aircraft Armament Division, Manufacturing Service, Ordnance Bureau, unnumbered. (5) Report on French Small Arms Ammunition, Frankford Arsenal, Pa., March, 1920, by W. L. Clay, lieutenant colonel, Ordnance Department, U. S. Army. On file, Infantry and Aircraft Armament Division, Manufacturing Service, Ordnance Bureau, unnumbered. (6) Collection of Reports on German Small Arms Ammunition, Frankford Arsenal, Pa., July 18, 1919, by W. L. Clay, lieutenant colonel, Ordnance Department, U. S. Army, commanding. On file, Infantry and Aircraft Armament Division, Manufacturing Service, Ordnance Bureau, unnumbered. (7) Training Regulations No. 320-10, W. D., Washington, March 12, 1924. (8) Handbook of Ordnance Data, Nov 15, 1918, Washington, Government Printing Office, 1918. (9) History of the Great War Based on Official Documents, Medical Services, Surgery of the War, London, His Majesty's Stationery Office, 1922, I, 7.

* Eight millimeters.

* Six and a half millimeters.