

TABLE 4.—*Characteristics of the principal rifles used in the World War**

Country	Model	Designation	Magazine system	Number of cartridges in magazine	Charger or clip	Weight without bayonet, pounds	Weight with bayonet, pounds
Austria	1895	Mannlicher	Fixed vertical box	5	Clip	8.34	8.98
Belgium	1889	Mausser	Detachable vertical box	5	Charger	8.03	9.29
Canada ^b	1907	Ross	Fixed vertical box	5	Neither	8.06	9.98
France ^c	'86-'93	Lebel	Cylindrical in fore end	8	do	9.24	10.12
		Lebel (carbine)	Fixed vertical box	3	Clip		
Germany	1898	Mausser	do	5	Charger	9.00	9.88
	1907	Lee-Enfield Mark I	Detachable vertical box	10	do	9.25	10.22
Great Britain	1907	Lee-Enfield Mark III	do	10	do	8.66	9.66
	1893	Mannlicher-Carcano	Fixed vertical box	6	Clip	8.41	9.19
Italy	1907	Year '38 pattern	do	5	Charger	8.63	9.56
Japan	1894	"3-line" Nagant	do	5	do	8.95	9.70
Russia	1893	Springfield	do	5	do	8.69	9.69
	1917	Enfield	do	5	do	8.87	9.87

Country	Length without bayonet, inches	Length with bayonet, inches	Length of barrel, inches	Diameter of bore, inch	Number of grooves in rifling	Depth of grooves, inch	Shape of groove	Twist of rifling, inches
Austria	50.00	59.50	30.12	0.315	4	0.0080	Concentric, beveled edge	9.842
Belgium	50.25	59.75	30.67	.301	4	.0065	Concentric	9.842
Canada ^b	52.00	58.80	28.09	.309	4	.0055	do	10.000
France ^c	51.12	71.84	31.50	.315	4	.0059	do	9.450
Germany	49.40	69.75	29.65	.311	4	.0065	Concentric	9.200
	49.50	61.50	30.19	.303	5	.0065	do	10.000
Great Britain	44.50	61.70	25.19	.303	5	.0058	do	10.000
	50.75	62.38	30.75	.256	4	.0060	do	(^d)
Italy	50.75	65.75	31.30	.256	4	.0060	Segmental	7.875
Japan	51.88	69.00	31.50	.300	4	.0070	Concentric, rounded edges	9.500
Russia	43.23	59.21	24.01	.300	4	.0040	Concentric	10.000
	46.50	62.50	26.00	.300	4	.0040	do	10.000

* Sources of information: (1) Textbook of Small Arms, 1909, London. Printed for His Majesty's Stationery Office by Harrison & Sons, 250. (2) America's Munitions. (3) Training Regulations No. 320-10, War Department, Washington, Mar. 12, 1919.

^b During the war the Ross was displaced by the British Enfield in the Canadian forces, principally to have all British arms armed with the same rifle. (Whelen, Townsend: The American Rifle; New York, The Century Co., 1918, 95.)

^c See Figures 44 and 45 for further changes.

^d Increasing from 19 $\frac{1}{4}$ to 8 $\frac{1}{4}$ inches.