

Country	Caliber	Model	Weight (g)	Weight (lb)
U.S. M. II	.30	Spitzer, Bergin	150	3.3
		4155 Maltby	150	3.3
British Empire	.303	British Army	170	3.7
		British Navy	170	3.7
Greece	6.5 MM	Hamlicher	190	4.2
		Hamlicher Carcano	190	4.2
Italy	6.5 MM	Hamlicher Carcano	190	4.2
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Holland	6.5 MM	Hamlicher	190	4.2
		Hamlicher	190	4.2
Luxembourg	6.5 MM	Hauser	190	4.2
		Hauser	190	4.2
Portugal	6.5 MM	Hauser-Verguet	190	4.2
		Hauser-Verguet	190	4.2
Norway	6.5 MM	King-Jorgenson	190	4.2
		King-Jorgenson	190	4.2
Japan	6.5 MM	King-Jorgenson	190	4.2
		King-Jorgenson	190	4.2

repeating rifles employing modern type cartridges, between 1888 and 1895.

The two commonest actions are the Mauser, using both a straight pull and a turning bolt; and the Hauser, using a turning bolt. The Krug-Jorgenson, Mosin-Nagant, Schmidt-Rubin, and Lebel are individual features but are of the same general design. Rimfire rifles operate best in such arms and are the most modern type rifles but many nations have changed from the original rimmed class rifles to open bolt rifles. The latest development in infantry rifles is the semi-automatic rifle, which has been developed before the war, and is now being used in most countries, but little change has been made in the design of the rifle since the beginning of the present war.

Machine guns of rifle caliber require no special design of cartridge and usually are chambered for the same cartridge as the rifles of the powers which use them.

The 50 caliber machine gun, although larger, generally utilizes cartridges of the same form as military rifle cartridges. This caliber was developed from the German anti-tank rifle cartridges of the first world war, which were also of regular rifle type.

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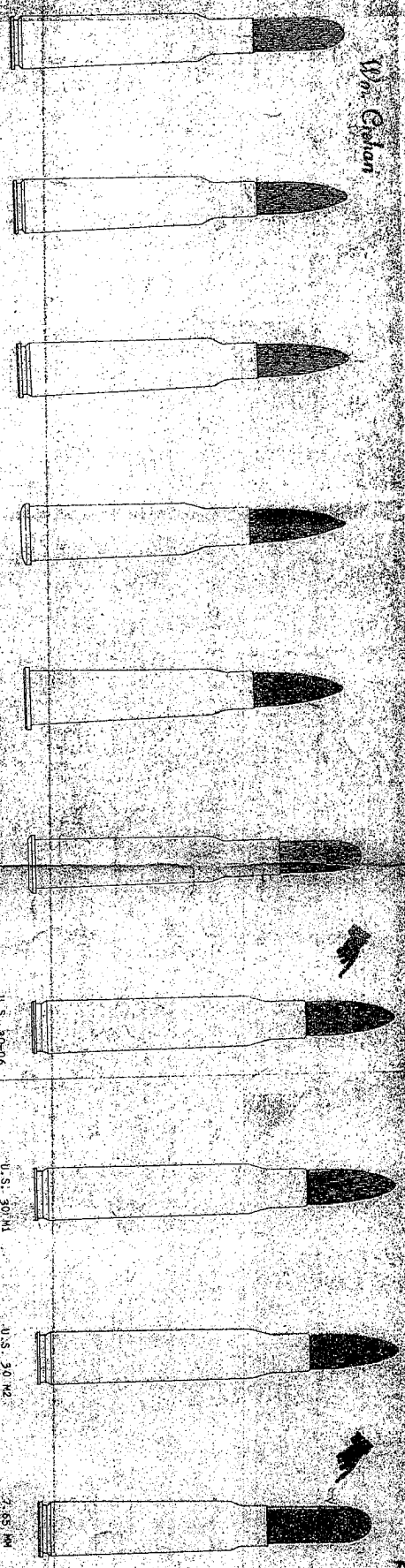
Shoulders require cartridges differing in form from those used in the present day action arms, and such arms will be rugged enough to handle any of the present military cartridges.

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It is to increase the weight of the bullet about 185 without changing its forward section by lengthening the rear and giving it a streamlined or boat-tailed base. Germany is understood to have done this very recently with the 7mm Mauser cartridge and Mexico and a number of the South American countries are working along similar lines with the 7mm Mauser.

Mauser and Hamlicher cartridges of 6.5mm and 7mm are the types in commonest use in the world today. In the different countries, the rifle models vary slightly and the cartridges do not all have the same design, but they are all of the same general type.



Country	Caliber	Weight	Velocity	Energy
Spain	7 MM	110-160	1,000	1,000
Spain	7 MM	110-160	1,000	1,000
Spain	7 MM	110-160	1,000	1,000
Spain	7 MM	110-160	1,000	1,000
Spain	7 MM	110-160	1,000	1,000
Spain	7 MM	110-160	1,000	1,000
Spain	7 MM	110-160	1,000	1,000
Spain	7 MM	110-160	1,000	1,000
Spain	7 MM	110-160	1,000	1,000
Spain	7 MM	110-160	1,000	1,000

cases are interchangeable between two or more... but variations do exist between cart-... The 7mm... pointed bullet, rimless cartridge for ex-... these countries use cartridges which vary... and the cases are all very similar to the one... a rimless cartridge with a round nosed bullet and... ballistic qualities very similar to the .30 K&S... but the cartridge was redesigned in 1936 to use a... pointed bullet of lighter weight and designated as... the U.S. 30-06... It was again changed in 1928... when a 17z grain (boat-tail) bullet was adopted and... the cartridge listed as the .30 H.I. The earlier... type bullet has frequently been reloaded, but in-... proved powder gives a lower chamber pressure than... the original tight bullet load which is less... the original tight bullet load and less of a... which was satisfactory combat cartridge. The latest... cartridge is the same as the .30 M2... and... the original tight bullet load and less of a... which was satisfactory combat cartridge. The latest... cartridge is the same as the .30 M2... and...

guns, the United States is now requesting inventors... to develop such a weapon for an experimental cart-... ridge which is about half way between automatic... pistol and rifle cartridges in size and type. This... cartridge is designated as the United States 30... SM1... straight cased rimless cartridge of... 20 cal. and medium power in length to be used in... a full automatic weapon weighing between 5 and 6 lbs... of the United States 30 SM1... cartridges are... developed in Germany about 1900 and the ammunition... is very powerful although the small bullets lack... stopping power in close range combat... The invention of the 30 SM1... increased part in recent warfare and only the Stan-... combined cartridge.

