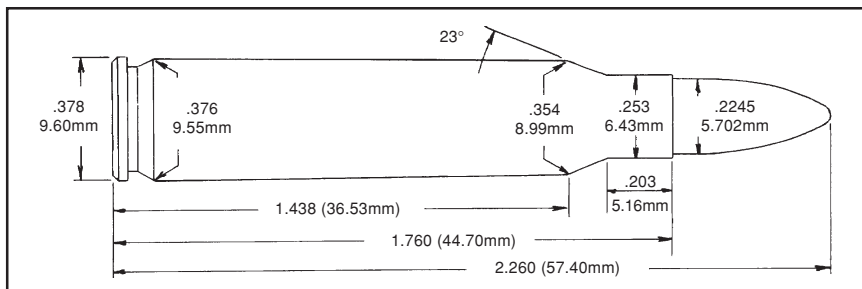


.223 REMINGTON

In 1964 the .223 Remington was adopted as the 5.56mm Ball Cartridge M193, the new U.S. Military rifle cartridge. The .223 Remington is the commercial version of the 5.56mm. Documentation shows several variations



in chamber dimensions, principally in the chamber throat, have occurred since the 5.56 cartridge was adopted, the latest version to accommodate the heavier SS109 projectile.

The data presented here was developed in a barrel chambered to commercial .223 Remington specifications and this data may be used in firearms with military specification chambers. SAAMI has cautioned that some 5.56 ammo will produce excessive pressures when fired in rifles chambered for the .223 Remington cartridge.

In the arena of NRA High Power Rifle competition, and particularly in the Service Rifle category, more and more AR-15 rifles are being used. We have included data for the 69 and 80 grain bullets for those shooters.

.223 REMINGTON				
Gun	WILSON	Max Length	1.760"	
Barrel Length	24"	Trim Length	1.740"	
Primer	REM 7°	OAL Max	2.260"	
Case	REM	OAL Min	2.165"	

Bullet	START LOADS			MAXIMUM LOADS			C.U.P.	Cartridge Length	Comment
	Powder	Grains	Vel.	Powder	Grains	Vel.			
IMI 55 FMJ	1680	18.5	2691	1680	20.5	3058	50,000	2.230"	
	2015	22.5	2887	2015	25.0	3281	49,800		
	2230	23.4	2830	2230	26.0	3216	50,300		
	2460	23.9	2843	2460	26.5	3231	49,200		
	2495	23.6	2878	2495	26.2	3271	51,100		Compressed
	2520	24.8	2837	2520	27.5	3224	43,300		Compressed
SRA 69 HPBT	2015	20.7	2567	2015	23.0	2917	48,400	2.250"	
	2230	22.1	2578	2230	24.5	2929	51,300		
	2460	22.2	2632	2460	24.7	2991	51,800		
	2495	22.5	2608	2495	25.0	2964	49,800		
	2520	24.3	2679	2520	27.0	3044	48,200		

Bullet	START LOADS			MAXIMUM LOADS			C.U.P.	Cartridge Length	Comment
	Powder	Grains	Vel.	Powder	Grains	Vel.			
SRA 80 HPBT	2015	19.8	2382	2015	22.0	2707	49,000	2.450" *	
	2230	21.2	2424	2230	23.5	2754	49,100		
	2460	21.6	2453	2460	24.0	2788	49,500		
	2495	21.2	2453	2495	23.5	2788	51,600		
	2520	22.5	2460	2520	25.0	2796	49,700		

* Over SAAMI Maximum OAL