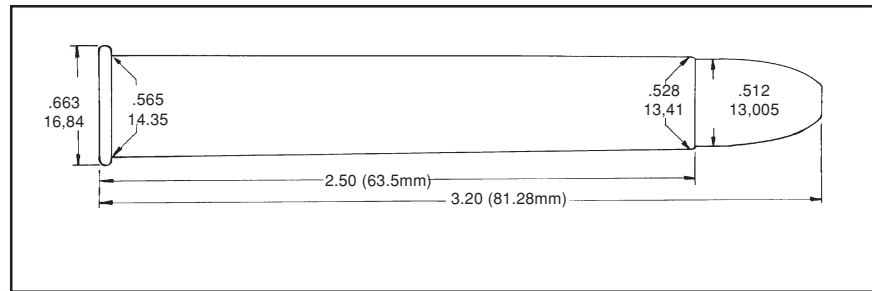


# .50-90 SHARPS

The .50-90 Sharps was introduced in 1875 as the premier cartridge of its day for buffalo hunting. It represented a substantial increase in power over the .50-70 Government which was used by many of the hide hunters.



The .50-90 is also called the .50-100 or .50-110 depending on the bullet weight and powder charge used. Although obviously suitable for any large North American big game, if not for the current limited production of Sharps replicas chambered for it, this cartridge would have been relegated to Old West legend.

The pressure limit set for the .50-90 Sharps was developed by firing 90 grains of FFg black powder and a 440 grain lead bullet. This produced a pressure of 20,000 P.S.I.

**This data is intended only for firearms safe for use with smokeless propellants.**

<b>.50-90 SHARPS</b>				
Gun	C. SHARPS	Max Length	2.500"	
Barrel Length	30"	Trim Length	2.480"	
Primer	FC 215	OAL Max	3.200"	
Case	Eldorado	OAL Min	--	

Bullet	START LOADS			MAXIMUM LOADS			P.S.I.	Cartridge Length	Comment
	Powder	Grains	Vel.	Powder	Grains	Vel.			
365 (L) FN	<b>5744</b>	39.0	1655	<b>5744</b>	43.0	1795	20,300	2.870"	Penny's
	<b>4350</b>	73.8	1596	<b>4350</b>	82.0	1814	16,600		
	<b>3100</b>	76.5	1496	<b>3100</b>	85.0	1700	15,800	Compressed	
	<b>8700</b>	81.0	1365	<b>8700</b>	90.0	1551	14,700		
440 (L) FN	<b>5744</b>	34.2	1370	<b>5744</b>	38.0	1557	18,300	3.000"	LY515141
	<b>4350</b>	72.0	1539	<b>4350</b>	80.0	1749	19,500		
	<b>3100</b>	76.5	1492	<b>3100</b>	85.0	1695	18,300	Compressed	
	<b>8700</b>	76.5	1242	<b>8700</b>	85.0	1411	15,300		
550 (L) FN	<b>5744</b>	31.5	1241	<b>5744</b>	35.0	1411	20,400	2.925"	RCBS
	<b>4350</b>	58.5	1274	<b>4350</b>	65.0	1448	17,000		
	<b>3100</b>	62.1	1220	<b>3100</b>	69.0	1386	16,300		
	<b>8700</b>	64.8	1035	<b>8700</b>	72.0	1176	16,700		

Bullet	START LOADS			MAXIMUM LOADS			P.S.I.	Cartridge Length	Comment
	Powder	Grains	Vel.	Powder	Grains	Vel.			
Barnes 400 SP	<b>5744</b>	38.3	1542	<b>5744</b>	42.5	1752	17,200	3.000"	
	<b>4350</b>	75.6	1571	<b>4350</b>	84.0	1785	16,800		
	<b>3100</b>	76.5	1382	<b>3100</b>	85.0	1571	13,100	Compressed	
	<b>8700</b>	81.0	1276	<b>8700</b>	90.0	1450	14,800	Compressed	

Please note that a firm crimp is necessary for good powder ignition.