

500 S&W MAGNUM

Test Specifications:

Firearm Used: Universal

Barrel Length: 10.7"

Twist: 1-18"

Components:

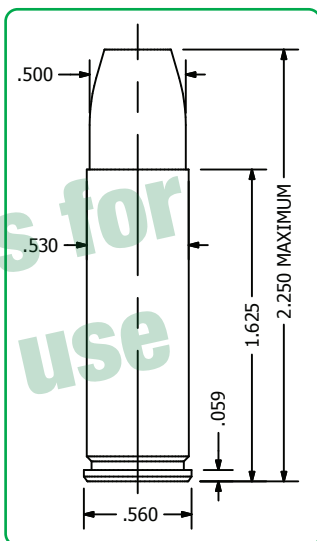
Case: Starline

Trim-to Length: 1.615"


Primer: WLR

Remarks:

The monstrous .500 Smith & Wesson (S&W) made its debut at the 2003 S.H.O.T. Show. Taking the handgun world by storm, this seemed to be a handgun that everyone wanted. Shooters who had never owned a large caliber handgun were intrigued by it and had to have one. The .454 Casull had been the king of the roost of commercially manufactured revolvers, but the .500 S&W made it look small in comparison. The .454 Casull case will just fall through the chambers on the massive .500. The cylinder measures over two and one quarter inches in length and about one and seven eighths of an inch in diameter. Recoil in the .500 ranges from not bad to violent, depending on the loading. Original factory loadings by Cor Bon for Smith and Wesson utilized a large pistol primer in Starline cases. Smith and Wesson / Cor Bon had Starline change to a large rifle primer (which uses a deeper primer pocket). To tell if your Starline cases are for the rifle primer, the head stamp will say .500 S&W R (for rifle). Hornady also makes brass for the .500 S&W, but they still use the large pistol primer. Sierra offers two cannelured bullets for it: A 350 grain Jacketed Hollow Point #5350 which is a good bullet when expansion is needed and a 400 grain Jacket Soft Point #5400 designed for deep penetration. Regardless of what game animal you want to hunt, this cannon is certainly capable of the job.




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Bullet		Caliber	Weight	Type	C.O.A.L.					
		#5350	.500"	350gr.	JHP	2.060"				
Powder	Velocity	1500	1600	1700	1800	1900	1950	2000		
Tite Group		19.8	21.7							
Power Pistol				25.5	27.9					
Longshot			23.9	26.3						
Enforcer						43.5	45.2	46.8		
A#9					37.2	39.7				
H110						44.4	46.2	47.9		
IMR 4227					46.0	49.1				
A 5744					46.0	48.3	49.5			
A 1680				50.3	53.0	55.7				
CFE BLK		48.4	51.4	54.3						
Power Pro 300 MP						45.8	47.3	48.8		
Energy Ft. Lbs		1748	1989	2246	2518	2805	2955	3108		
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb						
Accuracy Load	Enforcer	46.8	2000	3108						
Hunting Load	Enforcer	46.8	2000	3108						

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Bullet Caliber Weight Type		C.O.A.L.						
	#5400 .500" 400gr. JSP	2.065"						
Powder ∨	Velocity >	1300	1400	1500	1600	1700	1800	1900
Tite Group		17.2	18.9					
Power Pistol			20.8	22.8	24.9			
N350		20.5	22.3					
Longshot		19.5	21.4	23.2	25.1			
2400				32.1	34.8	37.5		
Enforcer					36.7	39.8		
A#9				31.3	34.0	36.6		
A 4100					36.7	40.3		
3N38		22.3	24.4	26.5				
N110					34.2	36.9		
Lil Gun							41.6	45.9
H110					39.0	41.5		
Win 296					38.1	40.4		
IMR 4227					41.2	43.9		
A 5744						43.7	46.2	
A 1680							52.1	55.0
CFE BLK					48.8	51.7		
Power Pro 300 MP						41.8	44.7	
Energy Ft. Lbs		1501	1741	1998	2273	2566	2877	3206
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb				
Accuracy Load	Power Pistol	24.9	1600	2273				
Hunting Load	Lil Gun	45.9	1900	3206				