

264 WINCHESTER MAGNUM

Test Specifications:

Firearm Used: Universal

Barrel Length: 24"

Twist: 1- 8"

Components:

Case: Winchester

Trim-to Length: 2.490"

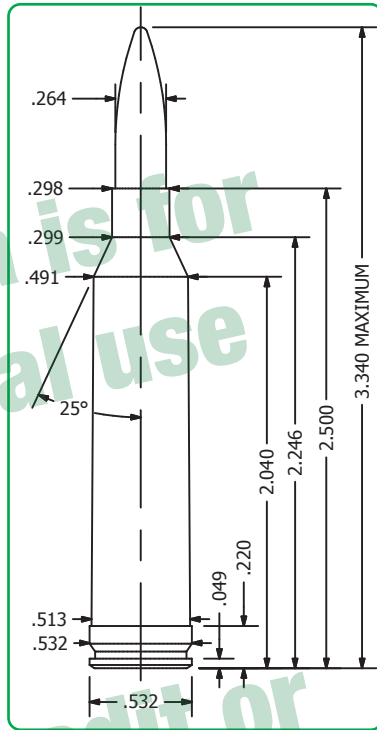
Primer: WLRM

Remarks:





The 264 Winchester Magnum appeared in late 1959 in Winchester's Model 70 bolt action rifle. The case is nothing more than the 338 Winchester Magnum necked down to accept .264" diameter bullets. Winchester's goal in creating the 264 was to produce the ultimate in a flat shooting, hard hitting, high velocity cartridge for thin skinned big game species. Many have accused Remington's wildly successful 7mm Magnum of stealing the 264's thunder, and this may well be the case. Introduced only three years after the 264, the 7mm Remington Magnum won widespread acceptance almost immediately and filled roughly the same niche. Despite the fact that the 264 is an excellent cartridge and fully accomplishes Winchester's goals, shooters have shown little more than passing interest in this potent round.

The 264 is adequate for any North American big game up to and including elk. As Winchester intended, it is an ideal choice for the long range shooting often required out west when hunting pronghorn antelope and mule deer. For off season practice, the 85 and 100 grain hollow points give devastating performance on varmints. The 140 grain Spitzer boat tail and the 130 GameChanger provides the deep penetration needed for the larger species, such as elk. The 130 gr HPBT make excellent deer bullets.




Some special cautions apply when loading the 264 Winchester Magnum. In order to achieve the highest possible velocities at acceptable pressures, Winchester's engineers designed the 264 (and factory loaded ammo for this cartridge) to use a "two diameter" bullet. In this design, the bullet diameter steps down a few thousandths just ahead of the bearing surface, resulting in a bore riding forward shank. This portion of the bullet actually rides on the top of the lands, while the full .264" portion is engraved by the rifling. For best accuracy, this requires an extremely short throat. While the combination works, it creates a problem when using 6.5mm bullets of conventional design. The short throat requires deep seating in order to prevent "jamming" the bullet into the rifling. If the rifle is to be used primarily with handloads, the best solution to this problem is to have the throat lengthened by a gunsmith. This is an inexpensive operation and adds versatility when handloading for the 264.



264 WINCHESTER MAGNUM

	Bullet	Caliber	Weight	Type	C.O.A.L.			
	#1710	.264"	100gr.	HP	3.160"			
	#1711	.264"	100gr.	HPBT	3.160"			
	#1715	.264"	107gr.	HPBT Match	3.300"			
	#7407	.264"	107gr.	TMK Match	3.300"			
Powder	Velocity	2850	2950	3050	3150	3250	3350	3400
IMR 4451 End.			51.7	53.8	56.0	58.0	60.0	
H4350			48.3	50.5	52.5	54.4	56.1	
Hybrid 100V				50.2	52.6	54.9	57.0	
RE 19				56.6	58.6	60.8	63.3	64.5
H4831sc				55.9	58.4	61.1	63.9	65.4
RE 22			52.5	54.5	56.6	59.0	61.4	62.7
N560	55.0	57.0	59.0	60.9	62.9	64.8	65.8	
IMR 7828ssc			55.4	57.6	59.8	62.1	64.5	
IMR 7977 End.			59.2	61.6	64.0	66.2	68.3	
H1000				59.3	61.7	64.2	66.7	68.0
RE 26			57.4	59.8	62.1	64.2	66.2	67.2
Magnum			59.4	61.7	64.0	66.4	68.9	70.1
Energy Ft. Lbs		1803	1932	2065	2203	2345	2491	2566
Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs				
Accuracy Load	RE 22	62.7	3400	2566				
Hunting Load	RE 19	64.5	3400	2566				
<i>Sierra does not recommend MatchKing bullets for hunting applications.</i>								

264 Winchester Magnum




Bullet	Caliber	Weight	Type	C.O.A.L.
	#1720	.264"	120gr. SPT	3.160"
	#1725	.264"	120gr. HPBT Match	3.200"
	#1727	.264"	123gr. HPBT Match	3.300"

Powder	Velocity	2700	2800	2900	3000	3100	3150	3200
IMR 4451 End.				50.8	53.1	55.4		
H4350		47.4	49.7	52.0	54.2	55.3		
Hybrid 100V		47.4	49.4	51.7	54.1	55.3		
RE 19				53.3	55.6	57.9	59.0	60.0
H4831sc			52.9	55.0	57.4	60.0	61.4	62.9
RE 22			52.2	54.4	56.7	59.3	60.6	62.0
N560			54.9	57.5	59.9	62.0	63.0	63.9
RE 23			50.6	53.0	55.5	58.1	59.4	60.8
IMR 7828ssc	51.5	53.8	56.1	58.3	60.5	61.6		
IMR 7977 End.	55.5	57.4	59.6	61.9	64.4	65.7	67.0	
H1000		55.1	57.2	59.7	62.4	63.9	65.5	
RE 26		54.5	57.1	59.7	62.1	63.2	64.3	
Magnum		58.7	61.0	63.3	65.7	66.9	68.1	
Energy Ft. Lbs		1942	2089	2240	2398	2560	2643	2728




Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs
Accuracy Load	RE 22	62.0	3200	2728
Hunting Load	RE 19	60.0	3200	2728

Sierra does not recommend MatchKing bullets for hunting applications.

264 WINCHESTER MAGNUM

Bullet		Caliber	Weight	Type	C.O.A.L.				
	#1728	.264"	130gr.	HPBT	3.116"				
	#7430	.264"	130gr.	TMK Match	3.300"*				
	#4330	.264"	130gr.	TGK	3.300"*				
*requires a 1x8" or faster twist									
Powder	Velocity	2650	2750	2800	2850	2900	2950	3000	
Hybrid 100V			48.2	49.4	50.6	51.7	52.9	54.1	
H4831sc			54.1	55.6	57.1	58.5	59.8	61.1	
RE 22			51.1	52.4	53.6	54.9	56.1	57.3	
N560			53.0	54.2	55.3	56.5	57.7	58.9	
RE 23			50.6	51.9	53.2	54.5	55.8	57.1	
IMR 7828ssc			53.5	54.6	55.7	56.9	58.0	59.1	
IMR 7977 End.	55.2		57.7	58.8	60.0	61.2	62.3	63.5	
H1000			56.4	57.7	59.0	60.2	61.5	62.8	
RE 26			53.6	55.9	57.9	59.7	61.2	62.5	
Magnum				59.0	60.5	61.9	63.3	64.7	
Retumbo				57.1	58.5	59.8	61.2	62.5	
IMR 8133			59.9	61.3	62.7	64.0	65.3	66.5	
Energy Ft. Lbs		2027	2183	2263	2344	2427	2512	2597	
Special Load	Powder	Grains	Velocity	fps	Energy	Ft. lbs			
Accuracy Load	RE 23	57.1	3000	2597					
Hunting Load	Hybrid 100V	54.1	3000	2597					

264 Winchester Magnum

Bullet	Caliber	Weight	Type	C.O.A.L.
	#1730	.264"	140gr. SBT	3.215"
	#1740	.264"	140gr. HPBT Match	3.215"
	#1742	.264"	142gr. HPBT Match	3.300"*


*requires a 1x8" or faster twist

Powder	Velocity	2550	2650	2750	2850	2900	2950	3000
Hybrid 100V		46.8	49.3	51.9	53.2	54.5		
H4831sc		50.0	53.1	56.0	57.5	58.9		
RE 22		50.3	53.1	55.7	56.9	58.1	59.2	
N560			51.7	54.3	56.8	58.0	59.2	60.5
RE 23			49.4	52.2	54.9	56.3	57.6	
IMR 7828ssc	49.1	51.6	54.1	56.6	57.8	59.0	60.2	
RE 25						61.7	62.9	
IMR 7977 End.	52.9	55.5	58.1	60.5	61.7	62.8	64.0	
H1000		51.0	53.7	56.8	58.4	60.1		
RE 26		51.4	54.3	57.2	58.6	59.9	61.3	
Magnum	54.1	56.8	59.5	62.1	63.4	64.7		
Retumbo		54.0	56.5	59.2	60.7	62.2	63.9	
IMR 8133		57.8	60.3	62.8	64.0	65.3	66.5	
Energy Ft. Lbs		2021	2183	2351	2525	2614	2705	2797

Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs
Accuracy Load	H4831sc	58.9	2950	2705
Hunting Load	RE 22	59.2	3000	2797

Sierra does not recommend MatchKing bullets for hunting applications.

264 WINCHESTER MAGNUM

Bullet		Caliber	Weight	Type	C.O.A.L.					
		#1755	.264"	150gr.	HPBT Match	3.340"*				
*requires a 1x7.5" or faster twist										
Powder	Velocity	2500	2600	2700	2750	2800	2850	2900		
Hybrid 100V		44.0	46.4	48.7	49.9	51.1	52.3			
H4831sc			49.0	51.9	53.3	54.7	56.0	57.3		
RE 22			48.2	50.8	52.1	53.3	54.4			
N560		48.3	50.6	53.1	54.3	55.6	56.9	58.2		
IMR 7828ssc			50.7	53.3	54.5	55.8	57.1	58.5		
IMR 7977 End.		52.1	54.6	57.1	58.4	59.7	61.1			
H1000			50.1	53.3	54.8	56.3	57.9	59.4		
RE 26			50.1	52.8	54.2	55.6	56.9	58.3		
Magnum			54.8	57.8	59.3	60.8	62.2			
Retumbo			52.0	54.6	55.9	57.1	58.3			
Energy Ft. Lbs		2081	2251	2428	2518	2611	2705	2801		
Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs						
Accuracy Load	IMR 7977 End.	61.1	2850	2705						
<i>Sierra does not recommend MatchKing bullets for hunting applications.</i>										

Do not edit or redistribute.