

30-30 WINCHESTER

Test Specifications:

Firearm Used: Marlin 336 CS

Barrel Length: 20"

Twist: 1 x 10"

Components:

Case: R P

Trim-to Length: 2.029"

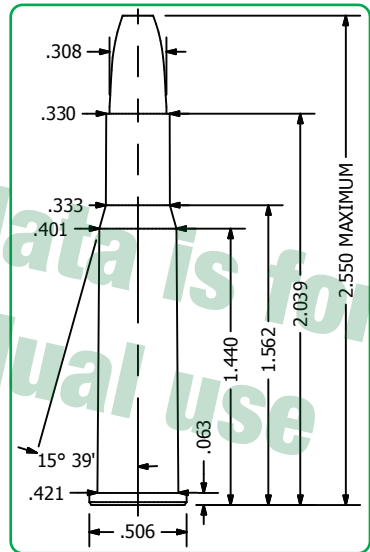
Primer: Remington 9 1/2

Remarks:


At over 100 years of age, the 30-30 Winchester is still one of our most popular cartridges. Introduced by Winchester in May 1895, the 30-30 has become the quintessential short range brush cartridge. The reason for this long standing popularity is quite simple—it works. Overshadowed by faster and more powerful cartridges, the 30-30 rarely receives much attention today — other than an occasional kick in the ribs from a critical gun writer or two. Still, the 30-30 (or 30 WCF, as it is also known) remains in the top ten in terms of ammunition, reloading die and component sales. While the 30-30 has probably been used to take every big game species in North America, its use is best restricted to deer sized game at reasonably close ranges.

Much of the 30-30's longevity must be attributed to the rifles in which it is chambered. Light, fast handling lever action carbines are perfectly suited to the short range hunting conditions found in the forests and woodlots covering much of the white tail deer's range. The 30-30 cartridge was originally introduced in Winchester's timeless classic, the Model 94. A century later, the two are still virtually synonymous with deer hunting in the eastern, southern and mid western United States.


Loading for the 30-30 presents no major problems, but there are a few precautions to observe. Most lever actions (the most common action type for the 30-30 cartridge) use a tubular magazine. When loaded, the nose of one cartridge rests against the primer of the cartridge ahead of it in the magazine. This creates a situation where, under recoil, the nose of the rear cartridge can act as a firing pin against the primer of the cartridge ahead of it. This type of detonation will destroy the rifle and seriously injure the shooter. For this reason, cartridges to be used in tubular magazines must be loaded with flatnosed bullets. Sierra has three bullets designed specifically for the 30-30 Winchester that eliminate this possibility. Trim length is also critical when loading the 30-30 since tubular magazines require the bullets to be crimped. The 30-30 is not a particularly strong case, and it is easy to buckle the case shoulder during seating and crimping. Constant neck tension can be maintained by trimming all cases to a uniform length. Each round will receive exactly the same amount of crimp as the next, aiding in uniform ignition and better accuracy. As with any crimping operation, we strongly recommend that the bullets be seated first, and crimped in another separate operation.




30-30 WINCHESTER

Bullet Caliber Weight Type						C.O.A.L.
 #2020 .308" 125gr. HP/FN						2.420"
Powder ∨	Velocity >	2100	2200	2300	2400	2500
Viht N130		26.0	27.3	28.6	29.9	31.2
H4198		24.2	25.6	27.0	28.4	29.7
RE 7		25.9	27.0	28.1	29.3	
IMR 3031		29.8	31.0	32.2	33.4	34.6
Benchmark		28.0	29.5	31.0	32.5	34.0
H322		26.2	27.8	29.4	30.9	32.5
X Terminator			28.2	29.8	31.4	33.0
A 2230			29.8	31.5	33.2	34.8
748			33.5	34.9	36.3	37.6
A 2460			29.4	31.2	33.0	34.8
TAC		29.1	30.4	31.7	33.0	34.3
IMR 4895		30.0	31.7	33.4	35.1	36.8
Viht N135		29.6	31.0	32.4	33.8	35.2
Varget		30.6	32.2	33.8	35.4	37.0
IMR 4064		31.1	32.3	33.4	34.6	35.7
A 4064		32.0	33.5	35.0	36.5	38.0
Energy Ft. lbs		1224	1343	1468	1598	1734
Special Load	Powder	Grains		Velocity fps		Energy Ft. lb
Accuracy Load	Viht N135	33.8		2400		1598
Hunting Load	H322	32.5		2500		1734

30-30 WINCHESTER

Bullet		Caliber	Weight	Type	C.O.A.L.		
		#2000	.308"	150gr. FN	2.520"		
Powder ▾	Velocity >	1900	2000	2100	2200	2250	2300
IMR 3031		27.5	28.7	29.9	31.1		
Benchmark		26.4	27.8	29.2	30.6	31.3	32.0
H322		25.0	26.6	28.2	29.7	30.5	
X Terminator		25.7	27.2	28.7	30.2	31.0	
A 2230			27.3	29.1	30.9	31.8	
748		28.0	29.9	31.8	33.6		
A 2460			27.2	29.0	30.8	31.7	
TAC		25.6	27.2	28.8	30.4	31.2	32.0
A 2495		27.0	28.7	30.3			
IMR 4895		28.9	30.3	31.7			
Viht N135		27.6	29.1	30.5	32.0	32.7	
Varget		28.8	30.1	31.4	32.7	33.4	34.0
IMR 4064		28.7	29.9	31.1	32.2		
A 4064		29.5	31.0	32.5	34.0	34.8	35.5
Viht N140		28.4	30.0	31.6	33.2	34.0	
Viht N540		28.4	30.0	31.6	33.2	34.0	
Energy Ft. lbs		1202	1332	1469	1612	1686	1762
Special Load	Powder	Grains		Velocity fps		Energy Ft. lb	
Accuracy Load	H322	29.7		2200		1612	
Hunting Load	A 2230	31.8		2250		1686	

30-30 WINCHESTER

Bullet Caliber Weight Type						C.O.A.L.
 #2010 .308" 170gr. FN						2.520"
Powder ∨	Velocity >	1800	1900	2000	2100	2150
A 2015		24.9	26.6	28.3		
IMR 3031		25.7	26.9	28.1	29.3	29.8
Benchmark		24.9	26.5	28.1	29.7	30.5
H322		24.0	25.5	27.1	28.6	29.4
X Terminator		24.7	26.2	27.7	29.2	30.0
A 2230			25.7	28.2	30.7	31.9
748		26.1	28.0	29.9	31.7	
A 2460			25.7	28.1	30.5	
TAC		25.7	27.2	28.7	30.2	31.0
A 2495		26.0	27.6	29.2		
IMR 4895		27.9	29.2	30.4		
Varget		27.2	28.7	30.2	31.7	32.5
IMR 4064		26.4	27.8	29.2		
A 4064		28.4	30.0	31.6	33.2	34.0
A 2520			27.9	29.7	31.6	
Viht N140		27.0	28.7	30.5	32.3	
Viht N540		27.6	29.1	30.6	32.1	32.9
Energy Ft. lbs		1223	1362	1510	1664	1745
Special Load	Powder	Grains		Velocity fps		Energy Ft. lb
Accuracy Load	A 4064	33.2		2100		1664
Hunting Load	H322	29.4		2150		1745