

# 30 BR Remington

## Test Specifications:

Firearm Used: Savage Model 11

Barrel Length: 26"

Twist: 1 x 10"

## Components:

Case: Reformed Remington 7 BR

Trim-to Length: 1.510"

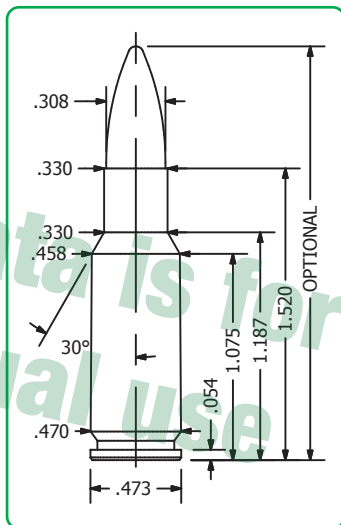
Primer: Remington 7 1/2

## Remarks:




Another outgrowth of the Remington Benchrest family of cartridges, the 30 BR is probably the least encountered member. Although it is not well suited to the rifle version of the metallic silhouette game, it has had good service in the short range Benchrest realm. It also serves very well as a hunting cartridge. Providing ballistics better than those of the 30-30 Winchester, the 30 BR is suitable to game the size deer and hogs, and also out to slightly greater ranges. Since most of the rifles built around the little BR cartridge are bolt actions, they are not limited to the flat nose designs of the 30-30 WCF. The result is an improvement in the useful range of the cartridge. A light, handy little rifle, such as the Remington Model Seven, chambered for the 30 BR makes an ideal combination for a shooter sensitive to recoil.

Considering the reduced capacity of the BR case, the 30 caliber incarnation would be best with lighter weight bullets. Projectiles heavier than about 165 grains simply can't be driven fast enough to give decent results. The little BR will generally give optimum performance with bullets of 125 to 150 grains, out to about 200 yards.




Cases are best formed from 7mm BR brass, necked up to accept .308" diameter projectiles. In our experience, this is best done via a tapered expander, such as those available from Redding or Sinclair. Cases can be formed from the standard length 308 Winchester brass, but this is a much more labor intensive process and not recommended. In addition to the extra work involved, the resulting cases will have the large primer pocket and require different loading data. Dies are a specialty item, but are available as a custom item from all of the larger manufacturers.



**30 BR REMINGTON**



	Bullet	Caliber	Weight	Type	C.O.A.L.			
	#2100	.308"	110gr.	RN	2.090"			
	#2105	.308"	110gr.	FMJ	2.090"			
	#2110	.308"	110gr.	HP	2.100"			
Powder	Velocity	2400	2500	2600	2700	2750	2800	2850
A 1680			26.1	27.6	29.1	29.8	30.6	31.3
Viht N133		30.0	31.1	32.2	33.3	33.8	34.4	
RE 7		25.9	27.2	28.5	29.8	30.4		
Benchmark		31.1	32.2	33.4	34.5	34.9	35.6	
H322		30.1	31.2	32.3	33.4	33.9	34.5	
H4895		32.2	33.6	35.0	36.4	37.1		
IMR 4895		32.9	34.2	35.5	36.8			
A 2520		32.9	34.0	35.1	36.2	36.7		
<b>Energy Ft. lbs</b>		<b>1407</b>	<b>1526</b>	<b>1651</b>	<b>1780</b>	<b>1847</b>	<b>1915</b>	<b>1984</b>
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb				
<b>Accuracy Load</b>	RE 7	29.8	2700	1780				
<b>Hunting Load</b>	H322	34.5	2800	1915				

## 30 BR REMINGTON

	Bullet	Caliber	Weight	Type	C.O.A.L.		
	#2120	.308"	125gr.	SPT	2.220"		
	#2121	.308"	125gr.	HP Match	2.220"		
	#7725	.308"	125gr.	TMK	2.220"		
Powder ▾	Velocity >	2300	2400	2500	2600	2700	2750
Viht N133		28.2	29.5	30.8	32.1	33.4	34.0
RE 7		24.9	26.3	27.7	29.1	30.5	
Benchmark		29.6	30.9	32.2	33.5	34.8	
H322		29.2	30.4	31.6	32.8	34.0	
H4895		30.8	32.1	33.4	34.7	36.0	
IMR 4895		31.7	32.9	34.1	35.3	36.5	
A 2520		31.7	32.9	34.1	35.3	36.5	
<b>Energy Ft. lbs</b>		<b>1468</b>	<b>1598</b>	<b>1734</b>	<b>1876</b>	<b>2023</b>	<b>2099</b>
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb			
<b>Accuracy Load</b>	H4895	34.7	2600	1876			
<b>Hunting Load</b>	H4895	36.0	2700	2023			








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## 30 BR REMINGTON

		Bullet	Caliber	Weight	Type	C.O.A.L.	
		#7350	.308"	135gr.	SPT SSP	2.225"	
		#2124	.308"	135gr.	HP	2.225"	
Powder	Velocity	2300	2400	2500	2600	2700	2750
Viht N133		28.1	29.6	31.1	32.6	34.1	
IMR 4198		25.5	26.8	28.1	29.4	30.7	31.3
Benchmark		29.9	31.2	32.5	33.8	35.1	
H322		28.9	30.2	31.5	32.8	34.1	
H335		29.5	31.1	32.7	34.3	35.9	36.7
H4895		31.1	32.4	33.7	35.0	36.3	
IMR 4895		31.7	32.9	34.1	35.3	36.5	
A 2520		31.7	32.9	34.1	35.3	36.5	
<b>Energy Ft. lbs</b>		<b>1585</b>	<b>1726</b>	<b>1873</b>	<b>2026</b>	<b>2185</b>	<b>2267</b>
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb			
Accuracy Load	H4895	35.0	2600	2026			
Hunting Load	IMR 4198	31.3	2750	2267			

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# 30 BR REMINGTON

	Bullet	Caliber	Weight	Type	C.O.A.L.
	#2115	.308"	150gr.	FMJBT	2.260"
	#2125	.308"	150gr.	SBT	2.275"
	#2130	.308"	150gr.	SPT	2.275"
	#2135	.308"	150gr.	RN	2.150"
	#2190	.308"	150gr.	HPBT MatchKing	2.275"
	#2155	.308"	155gr.	HPBT Palma MatchKing	2.275"
	#7755	.308"	155gr.	TMK	2.275"






  

Powder ▾	Velocity >	2200	2300	2400	2500	2600	2650
Viht N133		27.7	29.2	30.7	32.2	33.7	
IMR 4198		24.9	26.3	27.7	29.1	30.5	
Benchmark		28.1	29.6	31.1	32.6	34.1	
H322		28.1	29.5	30.9	32.3	33.7	
H335			30.7	32.3	33.9	35.5	36.3
H4895			30.7	32.2	33.7	35.2	35.9
IMR 4895		30.6	31.8	33.0	34.2	35.4	
A 2520			31.4	32.8	34.2	35.6	36.3
<b>Energy Ft. lbs</b>		<b>1612</b>	<b>1762</b>	<b>1918</b>	<b>2081</b>	<b>2251</b>	<b>2339</b>

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
<b>Accuracy Load</b>	A 2520	35.6	2600	2251
<b>Hunting Load</b>	A 2520	36.3	2650	2339

# 30 BR REMINGTON

	Bullet	Caliber	Weight	Type	C.O.A.L.
	#2140	.308"	165gr.	HPBT	2.225"
	#2145	.308"	165gr.	SBT	2.300"
	#4665	.308"	168gr.	TGK	2.300"
	#2200	.308"	168gr.	HPBT MatchKing	2.300"
	#7768	.308"	168gr.	TMK	2.300"







  

Powder	Velocity	2000	2100	2200	2300	2400	2500	2550
Viht N133		25.0	26.4	27.8	29.2	30.6	32.0	
IMR 4198		23.0	24.2	25.4	26.6	27.8	29.0	
Benchmark		26.0	27.3	28.6	29.9	31.2	32.5	
H322		25.1	26.5	27.9	29.3	30.7	32.1	32.8
A 2230		27.0	28.4	29.8	31.2	32.6	34.0	
H4895		27.2	28.5	29.8	31.1	32.4	33.7	34.3
IMR 4895		27.6	28.9	30.2	31.5	32.8	34.1	
Viht N135		26.0	27.4	28.8	30.2	31.6	33.0	
A 2520		28.1	29.3	30.5	31.7	32.9	34.1	34.7
<b>Energy Ft. lbs</b>		<b>1465</b>	<b>1615</b>	<b>1773</b>	<b>1938</b>	<b>2110</b>	<b>2289</b>	<b>2382</b>

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
<b>Accuracy Load</b>	H4895	32.4	2400	2110
<b>Hunting Load</b>	H322	32.1	2500	2289

# 30 BR REMINGTON

Bullet	Caliber	Weight	Type	C.O.A.L.
	#2275	.308"	175gr. HPBT MatchKing	2.300"
	#7775	.308"	175gr. TMK	2.300"
	#2150	.308"	180gr. SPT	2.300"
	#2160	.308"	180gr. SBT	2.300"
	#2170	.308"	180gr. RN	2.200"
	#2220	.308"	180gr. HPBT MatchKing	2.300"


  



Powder	Velocity	1900	2000	2100	2200	2300	2350	2400
Viht N133		24.6	26.2	27.8	29.4	31.0		
IMR 4198		22.3	23.7	25.1	26.5	27.9		
Benchmark		24.8	26.4	28.0	29.6	31.2	32.0	
H322		24.6	26.1	27.6	29.1	30.6		
A 2230		26.0	27.6	29.2	30.8	32.4	33.2	34.0
H4895			27.5	29.0	30.5	32.0	32.8	33.5
IMR 4895		27.0	28.3	29.6	30.9	32.2	32.8	33.5
Viht N135			26.5	28.2	29.9	31.6		
A 2520		26.6	28.0	29.4	30.8	32.2	32.9	33.6
<b>Energy Ft. lbs</b>		<b>1403</b>	<b>1554</b>	<b>1713</b>	<b>1880</b>	<b>2055</b>	<b>2146</b>	<b>2238</b>

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
<b>Accuracy Load</b>	H322	29.1	2200	1880
<b>Hunting Load</b>	H322	30.6	2300	2055

## 30 BR REMINGTON

Bullet		Caliber	Weight	Type	C.O.A.L.				
	#2210	.308"	190gr.	HPBT MatchKing	2.300"				
Powder	Velocity	1900	2000	2100	2200	2300	2350	2400	
Viht N133		24.8	26.2	27.6	29.0	30.4	31.1		
IMR 4198		22.5	23.8	25.1	26.4	27.7			
Benchmark		25.4	26.8	28.2	29.6	31.0			
H322		25.3	26.5	27.7	28.9	30.1			
A 2230		26.5	27.9	29.3	30.7	32.1	32.8	33.5	
H4895		26.7	27.9	29.2	30.5	31.8	32.4	33.1	
IMR 4895		27.0	28.3	29.6	30.9	32.2			
Viht N135		25.9	27.3	28.7	30.1	31.5			
A 2520		27.4	28.6	29.8	31.0	32.2	32.8	33.4	
<b>Energy Ft. lbs</b>		<b>1523</b>	<b>1687</b>	<b>1860</b>	<b>2042</b>	<b>2231</b>	<b>2329</b>	<b>2430</b>	
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb					
<b>Accuracy Load</b>	Viht N133	30.4	2300	2231					
<i>Sierra does not recommend MatchKing bullets for hunting applications.</i>									

Bullet		Caliber	Weight	Type	C.O.A.L.				
	#2165	.308"	200gr.	SBT	2.300"				
	#2230	.308"	200gr.	HPBT MatchKing	2.300"				
Powder	Velocity	1800	1900	2000	2100	2150	2200	2250	2300
Benchmark		24.4	25.8	27.2	28.6	29.3	30.0		
A 2230		24.9	26.5	28.1	29.7	30.5			
H4895		25.4	26.8	28.2	29.6	30.3	31.0		
IMR 4895		25.8	27.1	28.4	29.7	30.3	31.0		
A 2520		26.5	27.7	28.9	30.1	30.7	31.3	31.9	32.5
<b>Energy Ft. lbs</b>		<b>1439</b>	<b>1603</b>	<b>1776</b>	<b>1958</b>	<b>2052</b>	<b>2149</b>	<b>2248</b>	<b>2349</b>
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb					
<b>Accuracy Load</b>	H4895	30.3	2150	2052					
<b>Hunting Load</b>	H4895	31.0	2200	2149					