



## WARNINGS

This guide is intended to be used as a reference. Each individual handloader must determine what is the best and safest load for their equipment. The loads described in this guide were generated at the ballistics test facilities of Western Powders, Inc. in accordance with SAAMI (Shooting Arms and Ammunition Institute) guidelines. All loads are fired through test barrels and individual results fired through different firearms may vary. The handloader is cautioned to read and follow safe reloading practices such as those outlined in the NRA Guide to Reloading before attempting to reload any cartridge.

## DISCLAIMER

Western Powders, Inc. has developed this guide to provide the handloader with current data for reloading Accurate powders. This guide is not intended to be a reloading textbook, but rather a list of recommended loads for Accurate powders. As Western Powders, Inc. has no control over the actual reloading procedures and methods being used, or the condition or choice of firearms and components used, no responsibility for the use of this data is implied or assumed. The buyer/user assumes full responsibility, risk, and liabilities for all injuries (including death), damages, and/or losses to persons or properties resulting from the use / misuse of this product. The ballistics data contained in this guide was obtained at Western Powders' ballistics facilities under strictly controlled conditions and is applicable ONLY for Accurate powders. It is important to remember that equipment variations, different reloading techniques, as well as component variations will most likely yield slightly different ballistics data. With this in mind, it is imperative that you do not exceed the maximum charge recommendations in this guide and that you always start loading with the minimum powder charges in the loads illustrated.

## POWDER WARNINGS

Smokeless powder is intended to function by burning. Therefore, it must be protected from exposure to flame, sparks, high temperatures and the sun's rays. When ignited, smokeless powder will normally continue to burn (and generate gas pressure) until the powder is entirely consumed. With this in mind:

1. **NEVER MIX OR SUBSTITUTE powders with other powders;**
2. Avoid open flames, combustible agents, and any spark-producing tools when handling powders;
3. Store powder in its original container in a cool / dry place;
4. Do not keep or use old or salvaged powders;
5. Check powder for deterioration on a regular basis. Deteriorated powder is detected by its noxious odor (not to be confused with solvents such as alcohol or ether).
6. Pour out only the amount of powder necessary for the application being conducted;
7. If you accidentally spill powder, use a broom and dust pan to clean it up. DO NOT VACUUM the spilled powder;
8. Do not stockpile powder - store and utilize the amount of powder necessary for your current reloading needs;
9. Be certain that the powder container is empty prior to discarding.

## COMPONENT WARNINGS

Primers

1. NEVER MIX PRIMER BRANDS from different manufacturers;
2. Store primers in their original packaging(s) in a cool, dry place. Exposure to heat causes primer deterioration;
3. Do not stockpile primers or store in bulk. Storing primers in this manner can lead to mass detonation if a primer ignites;
4. Do not de-cap live or new primers - fire them in the appropriate gun and then de-cap;
5. For best results, use the mildest primer consistent with good ignition;
6. Do not force primers. If there is resistance in seating or feeding primers, stop and investigate the cause of the problem;
7. Clean your hands before and after handling primers - oil contamination can affect the ignitability of the primer.

## QUALITY CONTROL

Reloading provides an individual with a cost effective means of obtaining ammunition, while at the same time allowing for custom load assemblage. You, the individual handloader, are responsible for producing the ammunition that you will later shoot. The caution and diligence you put into your reloading process can be ultimately rewarding or disastrous depending upon the quality of your work.

1. Common sense and care must be practiced during all phases;
2. Follow load recommendations exactly.
3. ALWAYS START LOADING WITH THE MINIMUM POWDER CHARGE SHOWN;
4. Designate a work area to be used only for reloading and keep that area clean and orderly;
5. Label components and reloads for quick and easy identification;
6. Develop a reloading routine and follow it;
7. Understand what you are doing and why it must be done in a specific manner; Never reload when you are tired or distracted;
8. Wear safety glasses when reloading;
9. DO NOT smoke, eat, or drink in your reloading area or while you are reloading;
10. Keep your powder, reloading equipment and firearms secure from children;
11. Obey all laws and regulations regarding purchasing, quantity, and storage of powder(s).
12. When the case fill is less than 50% extreme care should be taken to avoid the possibility of double charging. Always check every round.

## NOTE:

**THIS DATA SUPERSEDES ALL PREVIOUS ACCURATE LOAD DATA.**

*Always use the latest load data*

For loads not listed in this guide and the latest updates, visit our website at:

**[www.accuratepowder.com](http://www.accuratepowder.com)**



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# ACCURATE POWDERS

## COMPANY ABBREVIATIONS

AK	Alaska Bullet Company	HWK	Hawk	REM	Remington
BAR	Barnes	LC	Laser Cast	RSH	Rushmore
BRG	Berger	LYM	Lyman	SIE	Sierra
BRY	Berry's	MCB	Montana Cast Bullets	SF	SinterFire
CP	Cast Performance	MTB	Mount Baldy	TS	True Shot
FED	Federal	MTG	Montana Gold	WC	West Coast
GS	GS Custom Bullets	NOS	Nosler	WDL	Woodleigh
HDY	Hornady	OT	Oregon Trail	WIN	Winchester

## PRIMER ABBREVIATIONS

SP	Small Pistol	LPM	Large Pistol Magnum	LR	Large Rifle
SPM	Small Pistol Magnum	SR	Small Rifle	LRM	Large Rifle Magnum
LP	Large Pistol	SRM	Small Rifle Magnum		

## BULLET ABBREVIATIONS

A-BOND	Accubond	JHP	Jacketed Hollow Point	SPHJ	Soft Point Heavy Jacket
AF	A Frame	JRN	Jacketed Round Nose	SPSX	Spire Point Super Explosive
BB	Broad Base	JSP	Jacketed Soft Point	SS	Semispitzer
BK	Blitz King	JSWC	Jacketed Semi Wadcutter	SSP	Single Shot Pistol
BND	Bonded	KSPB	Keith Style Piston Bullet	SPT	Spitzer
BDD	Banded	LFNGC	Long Flat Nose Gas Check	SST	Super Shock Tipped
BS	Ballistic Siver Tip	LFNPB	Long Flat Nose Plane Base	SWC	Semi Wadcutter
B-TIP	Ballistic Tip	(L)	Lead	TC	Truncated Cone
BTSP	Boat Tail Spire Point	LTB	Length Tolerant Bullet	TCBB	Truncated Cone Beveled Base
DBB	Double Bevel Base	(M)	Moly Coated	TSX	Triple Shock
CT	Combined Technologies	MK	Match King	VAR	Varminator
DEWC	Double End Wadcutter	NTP	Narrow Taper Point	VG	Varmint Grenade
FB	Flat Base	MRX	Maximum Range X Bullet	WBFPGC	Wide Base Flat Point Gas Check
FMC	Full Metal Case	PART	Partition	WC	Wadcutter
FMJ	Full Metal Jacket	PLF	Plated Lead Free	WFNGC	Wide Flat Nose Gas Check
FN	Flat Nose	PRO-H	Pro-Hunter	WFNPB	Wide Flat Nose Plane Base
FP	Flat Point	RHFP	Reduced Hazard Flat Point	WFPGC	Wide Flat Point Gas Check
FPJ	Full Profile Jacket	RN	Round Nose	WLCPP	Weldcore Protected Point
FS	Fail Safe	RNFP	Round Nose Flat Point	WLNGC	Wide Long Nose Gas Check
GC	Gas Check	RNSWC	Round Nose Semi Wadcutter	WNFPGC	Wide Nose Flat Point Gas Check
GK	Game King	RS	Radiused Shoulder	WNGC	Wide Nose Gas Check
HB	Hollow Base	SBT	Spitzer Boat Tail	WTP	Wide Taper Point
HP	Hollow Point	SGG	Single Grease Groove	X	X Bullet
HPBT	Hollow Point Boat Tail	SLD	Solid	XBT	X Boat Tail
HSP	Hollow Soft Point	SMP	Semi Point	XFB	X Flat Base
INTK	Interlock	SP	Spire Point	XPB	X Pistol Bullet
JHC	Jacketed Hollow Cavity	SPH	Soft Point Hornet	XTP	Extreme Terminal Performance

*Western Powders would like to thank the following companies for their continued support in our efforts to provide this information:*

- Barnes Bullets, Inc.
- Berger Bullets
- Berry's Manufacturing
- Cast Performance Bullet Company
- Claybuster Wads
- Federal Cartridge
- Hornady
- Montana Cast Bullets
- Montana Gold
- Nosler
- Oregon Trail Bullet Company
- Rainier Bullets
- Remington
- Sierra Bullets
- Swift Bullets
- Winchester
- Woodleigh Bullets

## SPECIAL NOTE ON CARTRIDGE OVERALL LENGTH "COL"

It is important to note that the SAAMI "COL" values are for the firearms and ammunition manufacturers industry and must be seen as a guideline only.

The individual reloader is free to adjust this dimension to suit their particular firearm-component-weapon combination. This parameter is determined by various dimensions such as 1) magazine length (space), 2) freebore-lead dimensions of the barrel, 3) ogive or profile of the projectile and 4) position of cannellure or crimp groove.

- Always begin loading at the minimum "Start Load".
- Increase in 2% increments towards the Maximum Load.
- Watch for signs of excessive pressure.
- Never exceed the Maximum Load.



## HANDGUN

## HANDGUN

Bullet Weight (Grains)		Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>5.7x28 FN</b>									
Barrel: 5" ■ Twist: 1-9" ■ Primer: WIN WSR or WSP ■ Bullet Diameter .224"									
No.5	35	HDY	V-MAX FB	6.0	1,955	6.7	2,100	45,500	1.491
No.5	40	SIE	SPH	5.8	1,850	6.5	1,975	45,200	1.456
No.5	45	SIE	SPH	5.7	1,740	6.4	1,875	45,400	1.490
No.7	35	HDY	V-MAX FB	7.4	2,041	8.2	2,197	45,200	1.491
No.7	40	SIE	SPH	7.0	1,896	7.7	2,044	45,100	1.456
No.7	45	SIE	SPH	6.7	1,782	7.4	1,913	45,400	1.490
<b>Longer Bullets</b>									
No.5	40	HDY	V-MAX	5.1	1,657	5.7	1,875	48,000	1.580
No.5	45	SIE	SPT	5.0	1,558	5.6	1,746	47,800	1.580
No.7	40	HDY	V-MAX	6.1	1,679	6.8	1,880	48,200	1.580
No.7	45	SIE	SPT	5.9	1,568	6.5	1,782	48,300	1.580

### Special notes on the 5.7x28FN

- 1) Extremely sensitive caliber. Adhere closely to indicated loads and COL guidelines
- 2) Begin at the MINIMUM start load and increase only in increments of 0.1 grain
- 3) Use of Small Pistol primers will result in slightly lower performance.
- 4) Velocities with the 10" barrel will be approximately 18% higher.

### 32 Auto (ACP)

Bullet Weight (Grains)		Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 4" ■ Twist: 1-16" ■ Primer: WIN WSP ■ Bullet Diameter .312"									
No.2	71	SIE	FMJ	2.0	572	2.2	650	19,300	0.955
No.2	85	HDY	XTP	1.6	612	1.8	695	18,800	0.940
No.5	71	SIE	FMJ	2.9	619	3.2	703	19,700	0.955
No.5	85	HDY	XTP	2.2	615	2.4	699	19,100	0.940

### 327 Federal Magnum

Bullet Weight (Grains)		Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 5" ■ Twist: 1-16" ■ Primer: WIN WSP ■ Bullet Diameter .312"									
No.5	71	SIE	FMJ	8.7	1,616	9.7	1,796	41,800	1.486
No.5	85	HDY	XTP	7.7	1,448	8.5	1,609	43,460	1.443
No.5	90	SIE	JHC	7.4	1,380	8.2	1,533	42,200	1.500
No.5	100	HDY	HP XTP	7.1	1,318	7.9	1,464	43,690	1.500
No.7	71	SIE	FMJ	10.4	1,658	11.5	1,842	42,980	1.486
No.7	85	HDY	XTP	9.4	1,503	10.4	1,670	44,020	1.443
No.7	90	SIE	JHC	9.0	1,431	10.0	1,590	41,320	1.500
No.7	100	HDY	HP XTP	8.5	1,355	9.4	1,505	43,080	1.440
No.9	90	SIE	JHC	13.5	1,559	15.0	1,732	41,570	1.500
No.9	100	HDY	HP XTP	11.7	1,417	13.0	1,574	36,950	1.440

#### Lead Bullets

No.5	78	LC	RN	8.4	1,585	9.3	1,761	43,510	1.454
No.5	90	HDY	SWC	7.4	1,400	8.2	1,555	43,480	1.487
No.5	115	LC	FP	6.6	1,209	7.3	1,343	44,140	1.500
No.7	78	LC	RN	10.1	1,616	11.2	1,796	41,040	1.454
No.7	90	HDY	SWC	9.0	1,445	10.0	1,605	44,160	1.487
No.7	115	LC	FP	7.9	1,276	8.8	1,418	44,570	1.500
No.9	90	HDY	SWC	13.1	1,544	14.5	1,715	37,210	1.487
No.9	115	LC	FP	10.8	1,355	12.0	1,506	38,760	1.500

### 380 Auto (ACP)

Bullet Weight (Grains)		Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 3.75" ■ Twist: 1-16" ■ Primer: WIN WSP ■ Bullet Diameter .355"									
No.2	90	HDY	XTP	3.3	818	3.7	930	17,000	0.960
No.2	95	SIE	FMJ	3.3	822	3.7	934	14,600	0.945
No.5	90	HDY	XTP	4.3	810	4.8	920	16,700	0.960
No.5	95	SIE	FMJ	4.3	784	4.8	891	14,000	0.945

#### Barnes XPB Bullets

No. 2	80	BAR	XPB	2.6	807	2.9	897	20,910	0.970
No. 5	80	BAR	XPB	3.6	807	4.0	897	20,130	0.970

### 9mm Luger

Bullet Weight (Grains)		Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 4" ■ Twist: 1-10" ■ Primer: WIN WSP ■ Bullet Diameter .355"									
No.2	115	NOS	JHP	4.7	1,038	5.2	1,145	29,900	1.095
No.2	125	SIE	FMJ	4.2	930	4.7	1,057	29,500	1.095
No.2	147	HDY	XTP	3.6	781	4.0	888	29,200	1.095
No.5	115	SIE	JHP	6.3	1,049	7.0	1,192	31,400	1.095
No.5	125	SIE	JHP	5.8	1,069	6.4	1,200	33,000	1.095
No.5	147	HDY	XTP	4.8	872	5.3	991	30,900	1.095
No.7	115	NOS	FMJ	7.9	1,052	8.8	1,196	29,700	1.095
No.7	124	HDY	FMJ	7.2	1,026	8.0	1,166	29,800	1.095
No.7	147	HDY	XTP	6.5	921	7.2	1,047	31,900	1.095

#### Lead Bullets

No.2	115	LC	RN	4.6	1,008	5.2	1,146	32,900	1.100
No.2	124	LC	RN	4.0	895	4.6	1,017	31,100	1.095
No.2	145	MCB	SWC BB	3.9	845	4.3	956	31,000	1.140
No.5	115	LC	RN	5.7	1,040	6.3	1,182	33,000	1.100
No.5	124	LC	RN	5.4	1,018	6.0	1,157	33,000	1.095
No.5	145	LC	RN	4.6	866	5.1	984	26,800	1.140
No.7	115	LC	RN	7.8	1,078	8.7	1,225	33,000	1.100
No.7	124	LC	RN	7.4	1,030	8.2	1,170	33,000	1.095
No.7	145	MCB	RN BB	6.5	926	7.2	1,052	29,500	1.140

#### Barnes XPB Bullets

No.2	115	BAR	XPB	4.1	905	4.6	1,005	33,330	1.160
No.5	115	BAR	XPB	5.0	959	5.5	1,065	33,880	1.160

#### Frangible Bullets

No. 2	90	SF	RHFP	4.3	1,080	4.8	1,200	34,620	1.120
No. 2	100	SF	RHFP	4.0	978	4.4	1,087	34,270	1.120
No. 5	90	SF	RHFP	5.6	1,101	6.2	1,223	33,540	1.120
No. 5	100	SF	RHFP	5.2	1,031	5.8	1,145	34,600	1.120

### 357 SIG

Bullet Weight (Grains)		Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 4" ■ Twist: 1-16" ■ Primer: WIN WSP ■ Bullet Diameter .355"									
No.2	115	NOS	JHP	5.7	1,122	6.4	1,276	38,600	1.140
No.2	125	SIE	FMJ	5.4	1,066	6.0	1,212	38,900	1.140
No.2	147	HDY	XTP	4.7	933	5.3	1,061	39,800	1.140
No.5	115	NOS	JHP	8.4	1,191	9.4	1,354	37,900	1.140
No.5	125	SIE	FMJ	8.3	1,166	9.2	1,325	39,600	1.140
No.5	147	HDY	XTP	7.1	1,019	7.9	1,159	38,400	1.140
No.7	115	SIE	JHP	10.2	1,218	11.3	1,385	39,100	1.140
No.7	124	HDY	FMJ FP	10.0	1,161	11.0	1,320	37,100	1.140
No.7	147	HDY	XTP	8.3	1,020	9.2	1,160	38,600	1.140
No.9	115	NOS	JHP	12.1	1,261	13.5	1,434	36,900	1.140
No.9	125	SIE	FMJ	11.7	1,220	13.0	1,387	39,100	1.140
No.9	147	HDY	XTP	9.4	1,018	10.5	1,158	34,400	1.140

#### Lead Bullets

No.2	115	LC	RN	5.6	1,099	6.2	1,249	38,200	1.140
No.2	122	MCB	FN	5.2	1,070	5.8	1,217	38,100	1.140
No.2	147	MCB	RN BB	4.2	923	4.7	1,049	36,800	1.140
No.5	115	LC	RN	8.1	1,160	9.0	1,319	38,500	1.140
No.5	122	LC	FP	7.9	1,144	8.8	1,300	37,100	1.140
No.5	147	LC	FP	6.7	1,029	7.5	1,170	36,900	1.140
No.7	115	LC	RN	9.9	1,182	11.0	1,344	37,800	1.140
No.7	124	LC	RN	9.6	1,162	10.7	1,321	37,900	1.140
No.7	145	LC	RN	8.6	1,071	9.6	1,218	40,000	1.140
No.9	115	LC	RN	12.1	1,258	13.5	1,430	39,000	1.140
No.9	122	MCB	RN BB	11.7	1,217	13.0	1,383	36,100	1.140
No.9	145	LC	RN	9.4	1,029	10.5	1,170	33,000	1.140

#### Barnes XPB Bullets

No. 5	125	BAR	XPB	6.6	1,069	7.3	1,188	41,097	1.140
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#### Frangible Bullets

No. 2	100	SF	RHFP	6.1	1,245	6.8	1,383	42,110	1.130
No. 5	100	SF	RHFP	8.2	1,351	9.1	1,501	44,130	1.130

## CAUTION!

*Reducing the overall cartridge length by seating the bullet deeper in the case may dramatically increase the pressure on some handgun cases. Always use caution when changing bullet seating depth.*

# ACCURATE POWDERS



## HANDGUN

## HANDGUN

**38 Super**

Barrel: 5" ■ Twist: 1-16" ■ Primer: WIN WSP ■ Bullet Diameter .355"

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
No. 5	115	SIE	FMJ	7.6	1,225	8.4	1,361	35,520	1.240
No. 5	124	HDY	FMJ CT	7.3	1,174	8.1	1,304	35,980	1.270
No. 5	147	SPR	TMJ FP	6.6	1,072	7.3	1,191	35,550	1.270
No. 7	115	SIE	FMJ	9.7	1,324	10.8	1,471	36,300	1.240
No. 7	124	HDY	FMJ CT	9.0	1,249	10.0	1,388	35,920	1.270
No. 7	147	SPR	TMJ FP	8.1	1,114	9.0	1,238	35,800	1.270

### Lead Bullets

No. 5	115	LC	RN	7.6	1,296	8.4	1,440	35,520	1.240
No. 5	124	LC	RN	7.2	1,230	8.0	1,367	35,900	1.270
No. 5	145	LC	RN	6.4	1,099	7.1	1,221	35,570	1.270
No. 7	115	LC	RN	9.9	1,367	11.0	1,519	35,710	1.240
No. 7	124	LC	RN	9.1	1,283	10.1	1,425	36,230	1.270
No. 7	145	LC	RN	8.3	1,170	9.2	1,300	36,110	1.270

### Frangible Bullets

No. 2	90	SF	RHFP	6.1	1,305	6.8	1,450	35,870	1.260
No. 2	100	SF	RHFP	5.6	1,204	6.2	1,338	36,110	1.260
No. 5	90	SF	RHFP	7.7	1,379	8.5	1,532	36,140	1.260
No. 5	100	SF	RHFP	7.2	1,287	8.0	1,430	36,000	1.260

## 38 Special

Barrel: 7.75" ■ Twist: 1-18.75" ■ Primer: WIN WSP ■ Bullet Diameter .357"

No. 2	110	SIE	JHC	5.0	953	5.6	1,083	16,800	1.435
No. 2	125	HDY	XTP	4.8	871	5.3	990	16,780	1.445
No. 2	140	SIE	JHP	4.2	781	4.7	888	16,700	1.445
No. 2	150	NOS	JHP	4.2	751	4.7	853	17,000	1.450
No. 2	158	HDY	XTP	3.6	665	4.0	756	16,500	1.445
No. 5	110	SIE	JHC	6.6	959	7.3	1,090	16,600	1.435
No. 5	125	HDY	XTP	6.1	757	6.8	860	16,300	1.445
No. 5	140	SIE	JHP	5.8	757	6.4	860	16,700	1.445
No. 5	150	NOS	JHP	5.9	715	6.5	813	16,600	1.450
No. 5	158	HDY	XTP	5.2	740	5.8	841	16,500	1.445
No. 5	158	RAN	RN	5.1	829	5.7	943	16,900	1.430

### Lead Bullets

No. 2	148	LC	WC DBB	2.6	634	2.9	720	15,500	1.152
No. 2	158	MCB	SWC BB	3.6	764	4.0	868	14,100	1.481
No. 5	148	LC	WC DBB	3.6	710	4.0	807	16,200	1.152
No. 5	158	MCB	SWC BB	5.3	827	5.9	940	16,100	1.481

### Frangible Bullets

No. 2	125	SF	RHFP	3.4	552	3.8	613	16,155	1.500
No. 5	125	SF	RHFP	5.4	785	6.0	872	16,925	1.500

## 38 Special +P

### Barnes XPB Bullets

No. 2	110	BAR	XPB	4.1	905	4.6	1,005	18,065	1.515
Solo 1250	110	BAR	XPB	4.5	967	5.0	1,074	17,905	1.515
No. 5	110	BAR	XPB	5.9	1,026	6.6	1,140	17,905	1.515
No. 7	110	BAR	XPB	7.3	1,049	8.1	1,165	18,135	1.515

### Frangible Bullets

No. 2	125	SF	RHFP	3.6	625	4.0	694	17,845	1.500
No. 5	125	SF	RHFP	5.7	852	6.3	947	18,295	1.500

## 357 Magnum

Barrel: 6" ■ Twist: 1-18.75" ■ Primer: WIN WSPM ■ Bullet Diameter .357"

No. 5	110	SIE	JHC	9.9	1,355	11.0	1,540	32,448	1.575
No. 5	125	HDY	XTP	9.6	1,273	10.6	1,446	33,384	1.575
No. 5	140	SIE	JHP	9.1	1,202	10.1	1,366	33,696	1.575
No. 5	158	HDY	XTP	8.6	1,097	9.7	1,256	33,150	1.590
No. 7	110	SIE	JHC	11.6	1,362	12.9	1,548	32,526	1.575
No. 7	125	HDY	XTP	10.9	1,278	12.1	1,453	33,306	1.575
No. 7	140	SIE	JHP	10.1	1,178	11.2	1,339	34,008	1.575
No. 7	158	NOS	JHP	9.5	1,196	10.5	1,360	34,242	1.580
No. 7	170	SIE	FMJ	8.7	1,010	9.7	1,147	34,788	1.565
No. 9	110	HDY	XTP	15.3	1,478	16.9	1,677	34,086	1.575
No. 9	125	NOS	JHP	14.1	1,378	15.6	1,567	35,178	1.575
No. 9	140	SIE	JHP	12.8	1,252	14.2	1,422	33,618	1.575
No. 9	150	NOS	SP	12.6	1,227	14.0	1,394	33,540	1.590
No. 9	158	HDY	XTP	12.4	1,202	13.8	1,367	35,022	1.580
No. 9	170	SIE	FMJ	11.2	1,092	12.4	1,241	35,100	1.565
No. 9	180	HDY	XTP	10.8	1,059	12.0	1,202	33,540	1.575
4100	125	HDY	HP XTP	16.1	1,485	17.9	1,650	32,081	1.580
4100	140	SIE	JHC	14.3	1,298	15.9	1,442	33,687	1.580
4100	158	HDY	HP XTP	12.5	1,176	13.9	1,307	33,490	1.590

### Lead Bullets

No. 7	147	MCB	FP BB	9.5	1,085	10.5	1,234	34,320	1.580
No. 7	158	LC	SWC	9.1	1,041	10.1	1,183	33,228	1.580
No. 7	180	LC	FP	8.3	938	9.2	1,067	33,852	1.675
No. 9	147	MCB	FP BB	11.9	1,151	13.2	1,308	32,838	1.580
No. 9	158	LC	SWC	11.2	1,104	12.4	1,255	32,214	1.580
No. 9	180	CP	WFNGC	10.4	1,008	11.6	1,145	31,356	1.675

### Barnes XPB Bullets

No. 5	125	BAR	XPB	7.5	1,166	8.3	1,295	34,000	1.585
No. 5	140	BAR	XPB	6.9	1,032	7.7	1,147	33,600	1.590
No. 7	125	BAR	XPB	9.0	1,220	10.0	1,355	34,000	1.585
No. 7	140	BAR	XPB	8.6	1,060	9.5	1,178	34,500	1.590
No. 9	125	BAR	XPB	12.6	1,399	14.0	1,554	33,300	1.585
No. 9	140	BAR	XPB	11.3	1,204	12.5	1,338	33,700	1.590
4100	125	BAR	XPB	14.7	1,372	16.4	1,525	33,983	1.585
4100	140	BAR	XPB	13.0	1,199	14.4	1,333	33,490	1.590



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	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>40 S&amp;W</b>									
Barrel: 4" ■ Twist: 1-16" ■ Primer: WIN WSP ■ Bullet Diameter .400"									
No.2	135	NOS	JHP	6.8	1,097	7.6	1,247	34,700	1.125
No.2	150	SIE	JHP	6.3	1,016	7.0	1,155	34,200	1.120
No.2	155	BRY	RS	5.6	968	6.2	1,100	35,000	1.125
No.2	165	SIE	JHP	5.6	916	6.2	1,041	35,000	1.125
No.2	180	HDY	XTP	5.0	851	5.6	967	35,000	1.135
No.2	180	RAN	HP	4.3	794	4.8	903	33,400	1.125
No.5	135	SIE	JHP	8.4	1,114	9.3	1,266	34,900	1.125
No.5	150	NOS	JHP	7.5	1,030	8.3	1,170	35,000	1.120
No.5	155	RAN	FP	6.9	963	7.7	1,095	32,100	1.125
No.5	165	SIE	JHP	6.5	911	7.2	1,035	34,000	1.125
No.5	180	HDY	XTP	5.9	849	6.6	965	32,500	1.135
No.5	180	BRY	HP	5.8	849	6.5	965	33,600	1.125
No.5	190	SIE	FPJ	6.0	828	6.7	950	35,000	1.125
No.7	135	NOS	JHP	10.1	1,089	11.2	1,237	33,900	1.125
No.7	150	NOS	JHP	9.2	1,000	10.2	1,136	34,300	1.120
No.7	155	RAN	FP	9.3	998	10.3	1,135	34,300	1.125
No.7	165	SIE	JHP	8.4	923	9.3	1,049	34,400	1.125
No.7	180	HDY	XTP	7.7	861	8.5	978	34,600	1.135
No.7	190	SIE	FPJ	7.7	848	8.6	964	34,300	1.125
No.7	200	HDY	XTP	6.7	748	7.4	850	35,000	1.130
No.9	180	HDY	XTP	9.9	897	11.0	1,019	35,000	1.135
No.9	190	SIE	FPJ	9.9	877	11.0	997	32,700	1.125
No.9	200	HDY	XTP	8.3	759	9.2	863	35,000	1.130

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>10mm Auto</b>									
Barrel: 5" ■ Twist: 1-16" ■ Primer: WIN WLP ■ Bullet Diameter .400"									
No.5	135	SIE	JHP	10.3	1,323	11.4	1,503	36,900	1.250
No.5	150	NOS	JHP	9.5	1,229	10.6	1,397	36,900	1.245
No.5	155	HDY	JHP	9.0	1,174	10.0	1,334	35,300	1.250
No.5	155	RAN	FP	8.9	1,151	9.9	1,309	34,300	1.260
No.5	165	SIE	HP	8.7	1,122	9.7	1,275	36,200	1.250
No.5	180	HDY	XTP	7.8	1,053	8.7	1,191	36,800	1.250
No.7	135	NOS	JHP	12.2	1,299	13.6	1,476	34,900	1.250
No.7	150	SIE	JHP	11.7	1,236	13.0	1,405	36,400	1.245
No.7	155	HDY	JHP	11.4	1,214	12.7	1,379	37,500	1.250
No.7	165	SIE	JHP	10.8	1,148	12.0	1,305	37,500	1.250
No.7	180	HDY	XTP	9.6	1,041	10.7	1,183	35,300	1.250
No.7	180	RAN	HP	9.9	1,051	11.0	1,195	36,200	1.260
No.7	190	SIE	FPJ	10.1	1,054	11.2	1,198	36,000	1.250
No.7	200	HDY	XTP	8.8	960	9.8	1,091	36,500	1.250
No.9	155	HDY	JHP	14.3	1,244	15.9	1,414	32,700	1.250
No.9	165	SIE	JHP	13.5	1,180	15.0	1,341	34,100	1.250
No.9	180	HDY	XTP	12.2	1,093	13.5	1,242	34,100	1.250
No.9	180	RAN	HP	12.1	1,086	13.5	1,235	35,500	1.260
No.9	190	SIE	FPJ	12.8	1,115	14.2	1,267	35,800	1.250
No.9	200	HDY	XTP	11.3	1,030	12.5	1,170	37,000	1.250

**Lead Bullets**

No.2	140	LC	TC	5.9	1,016	6.6	1,155	33,400	1.115
No.2	155	LC	RN SWC	5.7	982	6.3	1,116	34,100	1.130
No.2	175	MCB	SWC BB	4.8	858	5.3	975	34,200	1.115
No.2	185	LC	RN SWC	4.6	829	5.1	942	33,000	1.120
No.5	140	LC	TC	7.2	1,038	8.0	1,179	34,900	1.115
No.5	155	LC	RN SWC	6.8	1,019	7.5	1,158	35,000	1.130
No.5	170	LC	SWC	5.5	868	6.1	986	35,000	1.115
No.5	185	LC	TC	5.4	858	6.0	975	35,000	1.120
No.7	140	LC	TC	9.0	1,030	10.0	1,171	33,700	1.115
No.7	155	MCB	SWC BB	8.7	1,008	9.7	1,146	34,600	1.130
No.7	175	MCB	SWC BB	7.6	892	8.4	1,014	35,000	1.115
No.7	185	LC	SWC	7.4	871	8.2	990	35,000	1.120
No.7	200	LC	TC	6.1	777	6.8	883	34,800	1.110
No.9	170	LC	SWC	9.2	878	10.2	998	34,900	1.115
No.9	185	LC	RN SWC	8.7	841	9.7	956	33,500	1.120
No.9	200	LC	TC	7.8	774	8.7	880	35,000	1.110

**Barnes XPB Bullets**

No. 5	140	BAR	XPB	5.7	873	6.3	970	32,500	1.135
No. 5	155	BAR	XPB	4.6	736	5.1	818	31,960	1.135

**Frangible Bullets**

No. 2	105	SF	RHFP	5.6	1,136	6.2	1,262	34,300	1.120
No. 2	125	SF	RHFP	4.6	949	5.1	1,054	34,740	1.120
No. 5	105	SF	RHFP	8.1	1,201	9.0	1,334	33,170	1.120
No. 5	125	SF	RHFP	6.5	1,013	7.2	1,125	34,320	1.120

**Lead Bullets**

No.5	140	LC	TC	8.7	1,190	9.7	1,352	33,400	1.250
No.5	170	LC	SWC	7.8	1,085	8.7	1,233	31,800	1.250
No.5	175	MCB	SWC BB	7.5	1,026	8.3	1,166	31,500	1.245
No.7	140	LC	TC	10.8	1,203	12.0	1,367	33,700	1.250
No.7	170	LC	SWC	9.9	1,120	11.0	1,273	35,500	1.250
No.7	175	MCB	SWC BB	9.4	1,055	10.4	1,199	35,200	1.245
No.7	185	LC	RN SWC	9.2	1,032	10.2	1,173	34,500	1.245
No.7	195	MCB	TC BB	8.6	998	9.5	1,134	35,400	1.245
No.9	170	LC	SWC	12.2	1,131	13.6	1,285	34,900	1.245
No.9	185	LC	RN SWC	11.7	1,098	13.0	1,248	34,700	1.245
No.9	200	LC	TC	10.6	1,018	11.8	1,157	36,200	1.250

**41 Remington Magnum**

Barrel: 10" ■ Twist: 1-18.75" ■ Primer: FED 155 ■ Bullet Diameter .410"									
No.5	170	SIE	JHP	10.2	1,248	11.3	1,418	33,352	1.565
No.5	210	HDY	XTP	9.8	1,105	10.8	1,256	34,496	1.570
No.5	220	RAN	FP	9.7	1,129	10.8	1,283	35,112	1.590
No.7	170	SIE	JHP	13.2	1,300	14.6	1,477	32,560	1.565
No.7	210	HDY	XTP	12.0	1,153	13.3	1,310	34,672	1.570
No.7	220	RAN	FP	12.1	1,174	13.4	1,335	33,704	1.590
No.9	170	SIE	JHP	16.6	1,425	18.5	1,620	34,056	1.565
No.9	210	HDY	XTP	15.2	1,271	16.9	1,445	35,200	1.570
No.9	220	RAN	FP	14.7	1,240	16.3	1,409	34,144	1.590
4100	210	NOS	JHP	18.9	1,477	21.1	1,641	35,263	1.581
5744	210	NOS	JHP	20.7	1,321	23.0	1,468	35,440	1.581

**Lead Bullets**

No.5	200	MCB	SWC BB	10.6	1,201	11.8	1,364	32,296	1.675
No.5	240	CP	RN	10.2	1,134	11.3	1,289	35,112	1.710
No.7	200	MCB	SWC BB	12.3	1,206	13.6	1,370	32,472	1.675
No.7	240	CP	RN	11.8	1,137	13.2	1,292	33,264	1.710
No.9	200	MCB	SWC BB	15.2	1,322	16.9	1,503	33,968	1.675
No.9	265	CP	WFNGC	13.5	1,218	15.0	1,354	34,760	1.710
4100	250	CP	WFNPB	18.1	1,365	20.2	1,517	34,130	1.674
4100	255	CP	WFNGC	17.8	1,353	19.8	1,503	35,421	1.662
4100	265	CP	WFNGC	17.1	1,306	19.0	1,451	34,810	1.710
5744	265	TS	WNFPGC	17.8	1,166	19.8	1,295	34,840	1.700

**Barnes XPB Bullets**

No. 7	180	BAR	XPB	11.4	1,260	12.7	1,400	35,260	1.590
No. 9	180	BAR	XPB	15.8	1,369	17.6	1,521	35,680	1.590



## ACCURATE No. 5

No. 5® is extremely versatile and offers a wide performance range in many handgun calibers - from target and Cowboy Action applications to full power defense loads. This powder strikes a good balance between ballistics and cost efficiency.


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	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>44 Special</b>									
Barrel: 8.150" ■ Twist: 1-20" ■ Primer: REM 2 ½ ■ Bullet Diameter .429"									
No.2	180	HDY	JHP	5.3	802	5.9	911	13,890	1.485
No.2	200	NOS	JHP	4.9	708	5.4	805	13,900	1.490
No.2	240	SIE	JHC	4.1	532	4.5	604	13,900	1.485
No.5	180	HDY	JHP	7.8	878	8.7	1,000	14,000	1.485
No.5	200	NOS	JHP	7.2	766	8.0	871	13,000	1.490
No.5	240	SIE	JHC	5.8	640	6.5	730	14,000	1.485
No.7	180	HDY	JHP	9.9	880	10.5	1,000	14,000	1.485
No.7	200	NOS	JHP	9.0	825	10.0	938	13,800	1.490
No.7	240	SIE	JHC	7.2	689	8.0	745	14,000	1.485
<b>Lead Bullets</b>									
No.2	220	MCB	RN FP	4.8	790	5.3	900	13,980	1.535
No.2	240	LC	RN FP	4.2	721	4.7	819	13,975	1.600
No.5	220	MCB	RN FP	7.0	844	7.8	959	14,000	1.535
No.5	240	LC	RN FP	6.1	757	6.8	860	14,000	1.600
No.7	220	MCB	RN FP	8.6	839	9.5	953	14,000	1.535
No.7	240	LC	SWC	7.8	792	8.7	900	14,000	1.600
<b>Barnes XPB Bullets</b>									
No. 2	200	BAR	XPB	5.2	796	5.8	884	15,430	1.610
Solo 1250	200	BAR	XPB	6.0	847	6.7	941	15,340	1.610
No. 5	200	BAR	XPB	7.7	854	8.5	949	15,080	1.610

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>44 Remington Magnum</b>									
Barrel: 8.275" ■ Twist: 1-20" ■ Primer: WIN WLP ■ Bullet Dia.: .429"									
No.7	180	SIE	JHP	17.2	1,382	19.1	1,570	34,800	1.560
No.7	200	NOS	JHP	15.6	1,245	17.4	1,415	32,625	1.595
No.7	240	HDY	XTP	14.5	1,145	16.1	1,302	34,800	1.560
No.7	240	RAN	FP	14.0	1,163	15.6	1,322	32,451	1.575
No.7	250	NOS	PART	14.2	1,076	15.8	1,224	32,799	1.600
No.7	300	SIE	JSP	13.6	988	15.1	1,123	34,800	1.735
No.7	300	HDY	XTP	12.2	963	13.5	1,095	33,060	1.595
No.9	200	NOS	JHP	20.9	1,357	23.3	1,542	32,886	1.595
No.9	240	SIE	JHC	17.8	1,214	19.8	1,380	34,800	1.560
No.9	240	RAN	FP	16.7	1,220	18.6	1,386	34,800	1.575
No.9	250	SIE	FPJ	17.6	1,173	19.5	1,333	34,104	1.600
No.9	300	SIE	JSP	15.9	1,018	17.7	1,156	34,800	1.735
No.9	300	HDY	XTP	14.8	1,031	16.5	1,172	33,338	1.595
4100	180	SIE	JHC	24.3	1,683	26.8	1,851	32,022	1.581
4100	240	NOS	JSP	19.8	1,368	21.8	1,505	35,066	1.590
4100	300	HDY	HP XTP	16.2	1,170	17.9	1,287	34,968	1.580
5744	240	HDY	XTP	21.6	1,243	24.0	1,413	35,000	1.580
5744	300	HDY	XTP	18.0	1,048	20.0	1,191	31,400	1.595
<b>Lead Bullets</b>									
No.7	200	LC	RN FP	15.3	1,229	17.0	1,397	34,800	1.560
No.7	240	MCB	SWC	14.7	1,180	16.3	1,341	34,539	1.560
No.9	220	MCB	RN FP	19.7	1,340	21.9	1,523	34,800	1.560
No.9	240	LC	SWC	18.1	1,255	20.2	1,426	34,452	1.560
No.9	275	CP	WFNPB	15.9	1,106	17.7	1,242	34,800	1.695
No.9	300	LC	TC	15.4	1,081	17.2	1,214	34,800	1.720
No.9	320	CP	WFNGC	14.6	1,070	16.3	1,216	34,626	1.665
4100	200	MCB	RN FP	22.6	1,500	24.9	1,650	25,649	1.565
4100	255	CP	WFNGC	18.5	1,285	20.5	1,414	25,718	1.610
4100	300	CP	WFNGC	16.7	1,225	18.4	1,347	32,259	1.590
4100	310	OT	WN FP	16.5	1,171	18.2	1,288	27,787	1.635
4100	320	CP	WLNGC	16.4	1,179	18.1	1,297	31,796	1.695
5744	240	LC	SWC	21.6	1,272	24.0	1,446	34,500	1.560
5744	320	CP	WFNGC	16.2	952	18.0	1,082	27,800	1.665
<b>Barnes XPB Bullets</b>									
No. 9	200	BAR	XPB	18.9	1,382	21.0	1,535	35,522	1.591
No. 9	225	BAR	XPB	16.2	1,184	18.0	1,315	35,562	1.604
4100	200	BAR	XPB	20.1	1,414	22.3	1,571	32,221	2.289
4100	225	BAR	XPB	17.9	1,262	19.9	1,402	35,192	2.289

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>45 GAP</b>									
Barrel: 5" ■ Twist: 1-16" ■ Primer: WSP ■ Bullet diameter .451 to .452									
No. 2	185	SIE	JHP	4.6	812	5.1	902	21,650	1.063
No. 2	200	HDY	HP XTP	4.3	779	4.8	866	21,170	1.070
No. 5	185	SIE	JHP	6.9	886	7.7	984	20,930	1.063
No. 5	200	HDY	HP/XTP	6.4	833	7.1	925	22,200	1.070
<b>Lead Bullets</b>									
No. 2	155	LC	SWC	5.0	954	5.5	1,060	21,440	1.085
No. 2	180	LC	SWC	4.1	811	4.6	901	18,560	1.100
No. 5	155	LC	SWC	7.0	979	7.8	1,088	21,010	1.085
No. 5	180	LC	SWC	6.3	855	7.0	950	19,910	1.100
<b>Barnes XPB Bullets</b>									
No. 2	160	BAR	XPB	4.1	822	4.6	913	20,900	1.100
No. 5	160	BAR	XPB	5.7	839	6.3	932	20,970	1.100
No. 7	160	BAR	XPB	7.4	860	8.2	956	21,110	1.100

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>45 Auto (ACP)</b>									
Barrel: 5" ■ Twist: 1-16" ■ Primer: FED 150 ■ Bullet Dia.: .451"									
S1000	185	SIE	JHC	5.5	862	6.1	980	19,400	1.210
S1000	200	HDY	XTP	5.2	804	5.8	914	18,800	1.225
S1000	230	NOS	FMJ	4.9	746	5.5	848	18,900	1.250
No.2	185	NOS	JHP	5.7	948	6.7	1,106	20,750	1.210
No.2	200	HDY	XTP	5.1	855	5.8	970	19,900	1.225
No.2	230	SIE	FMJ	4.6	769	5.4	881	20,800	1.250
No.5	185	HDY	XTP	9.2	970	10.2	1,102	19,900	1.210
No.5	200	SIE	FPJ	8.7	924	9.7	1,050	20,600	1.225
No.5	230	NOS	FMJ	7.8	816	8.7	927	19,300	1.250
No.7	185	SIE	JHP	11.7	962	13.0	1,093	18,000	1.210
No.7	200	HDY	XTP	10.8	912	12.0	1,036	19,200	1.225
<b>Lead Bullets</b>									
S1000	155	LC	SWC	5.9	1,029	6.5	1,170	19,100	1.240
S1000	170	MCB	SWC	5.3	931	5.9	1,059	17,800	1.130
S1000	200	LC	SWC	4.8	838	5.3	952	18,300	1.190
S1000	230	LC	RN	4.6	790	5.1	898	18,300	1.230
No.2	155	LC	SWC	6.8	1,060	7.5	1,204	20,600	1.240
No.2	170	MCB	SWC	5.9	950	6.5	1,079	19,400	1.130
No.2	200	LC	SWC	5.2	826	5.8	939	17,400	1.190
No.2	230	LC	RN	5.0	766	5.6	870	17,200	1.230
No.5	155	LC	SWC	9.0	1,046	10.0	1,189	18,500	1.240
No.5	170	MCB	SWC	8.1	945	9.0	1,074	17,800	1.130
No.5	200	LC	SWC	7.8	902	8.7	1,025	19,400	1.190
No.5	230	MCB	RN BB	7.7	852	8.5	968	19,800	1.230
No.7	155	LC	SWC	12.0	1,076	13.3	1,223	20,200	1.240
No.7	170	MCB	SWC	11.3	1,031	12.5	1,172	20,800	1.130
No.7	200	LC	RN	10.4	899	11.5	1,022	18,700	1.190
No.7	230	LC	RN	9.9	862	11.0	979	19,400	1.230
<b>Barnes XPB Bullets</b>									
No. 2	185	BAR	XPB	4.5	770	5.0	856	20,265	1.235
No. 5	185	BAR	XPB	6.5	813	7.2	903	20,375	1.235
No. 7	185	BAR	XPB	8.1	827	9.0	919	20,155	1.235
<b>Frangible bullets</b>									
No. 2	140	SF	RHFP	5.2	978	5.8	1,087	20,480	1.210
No. 2	155	SF	RHFP	4.6	882	5.1	980	20,420	1.210
No. 5	140	SF	RHFP	8.7	1,044	9.7	1,160	20,350	1.210
No. 5	155	SF	RHFP	7.3	923	8.1	1,025	19,430	1.210

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>45 Colt</b>									
Barrel: 7.26" ■ Twist: 1-16" ■ Primer: REM 2 ½ ■ Bullet Dia.: .452"									
No.5	185	SIE	JHP	10.8	946	12.0	1,075	12,200	1.575
No.5	200	HDY	XTP	10.4	908	11.5	1,032	13,400	1.595
No.5	230	HDY	XTP	9.9	853	11.0	969	14,000	1.595
No.5	240	SIE	JHP	9.5	854	10.5	970	14,000	1.590
No.5	250	HDY	XTP	9.9	704	11.0	800	14,000	1.570
No.5	250	RAN	FP	9.4	765	10.4	870	12,900	1.585
<b>Lead Bullets</b>									
No.5	210	MCB	RN BB	10.9	904	12.1	1,027	12,500	1.620
No.5	225	MCB							

# ACCURATE POWDERS



## HANDGUN

## HANDGUN

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>45 Colt Ruger &amp; T/C Contender Only</b>									
Barrel: 7.26" ■ Twist: 1-16" ■ Primer: WIN WLP ■ Bullet Dia.: .452"									
No.7	240	SIE	JHC	14.0	1,010	15.5	1,148	20,400	1.570
No.7	250	NOS	JHP	13.7	971	15.2	1,103	19,600	1.585
No.9	250	RAN	FP	16.2	1,008	18.0	1,146	20,000	1.585
No.9	300	HDY	XTP	13.5	710	15.0	807	19,500	1.580
<b>Lead Bullets</b>									
No.7	210	MCB	RN BB	14.9	1,104	16.6	1,254	20,900	1.550
No.7	225	MCB	TC BB	14.8	1,087	16.4	1,235	21,000	1.575
No.7	255	LC	SWC	13.6	1,010	15.1	1,148	19,700	1.600
No.9	255	LC	SWC	15.8	1,038	17.6	1,180	20,100	1.600
No.9	265	CP	WFNGC	15.8	998	17.5	1,134	19,300	1.650
No.9	300	LC	FP	13.5	798	15.0	907	17,600	1.585
<b>Barnes XPB Bullets</b>									
No. 7	225	BAR	XPB	14.6	1,161	16.2	1,290	27,657	1.588
No. 9	225	BAR	XPB	18.0	1,226	20.0	1,362	28,287	1.588

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>454 Casull</b>									
Barrel: 7.5" ■ Twist: 1-24" ■ Primer:CCI 400 ■ Bullet Dia.: .452"									
No.9	250	HDY	XTP	25.2	1,558	28.0	1,770	45,800	1.700
No.9	300	SIE	JSP	23.4	1,404	26.0	1,596	46,200	1.765
4100	240	SIE	JHC	28.6	1,639	31.8	1,822	42,601	1.735
4100	260	NOS	PART	26.8	1,559	29.8	1,733	52,698	1.735
4100	300	NOS	PART	25.0	1,448	27.8	1,609	50,629	1.750
5744	240	SIE	JHP	31.5	1,489	35.0	1,693	51,800	1.705
5744	250	NOS	JHP	30.6	1,518	34.0	1,726	52,600	1.700
5744	300	HDY	XTP	28.8	1,381	32.0	1,570	52,600	1.765
1680	240	SIE	JHP	32.4	1,498	36.0	1,702	42,200	1.705
1680	250	HDY	XTP	33.3	1,547	37.0	1,758	49,100	1.700
1680	300	HDY	XTP	30.2	1,403	33.5	1,594	49,600	1.765
<b>Lead Bullets</b>									
4100	335	CP	WLNGC	23.2	1,363	25.8	1,515	52,550	1.760
4100	370	CP	WLNGC	21.4	1,245	23.8	1,384	47,477	1.770
4100	395	CP	WLNGC	19.7	1,181	21.8	1,312	47,576	1.770
5744	250	LC	RN FP	26.1	1,347	29.0	1,531	37,100	1.750
5744	300	MCB	WP FB	24.3	1,260	27.0	1,432	45,500	1.690
1680	300	LC	FP	27.0	1,229	30.0	1,397	33,700	1.690
<b>Barnes XPB Bullets</b>									
No. 7	250	BAR	XPB	19.6	1,517	21.8	1,686	54,850	1.780

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>460 S&amp;W</b>									
Barrel: 8.37" ■ Twist: 1-20" ■ Primer: WIN WLR ■ Bullet Dia.: .452"									
<b>Reduced Loads</b>									
5744	240	HDY	XTP	27.0	1,230				
5744	260	NOS	PART	28.0	1,250				
5744	300	SIE	JSP	26.0	1,210				
<b>Reduced Loads, Lead Bullets</b>									
5744	335	CP	WLNGC	25.5	1,200				
5744	360	CP	WLNGC	26.0	1,220				
<b>Standard Loads</b>									
5744	240	HDY	XTP	40.0	1,836	44.0	2,035	58,200	2.188
5744	260	NOS	PART	36.0	1,685	40.0	1,880	55,000	2.192
5744	300	SIE	JSP	34.0	1,590	38.0	1,785	57,800	2.208
No. 9	240	HDY	XTP	34.0	1,820	38.0	2,000	59,300	2.188
No. 9	260	NOS	PART	31.5	1,740	35.0	1,895	59,000	2.192
No. 9	300	SIE	JSP	30.0	1,620	34.0	1,790	61,000	2.208
4100	240	HDY	XTP	41.4	1,895	46.0	2,145	58,700	2.160
4100	260	NOS	PART	36.9	1,843	41.0	2,048	58,200	2.180
4100	300	NOS	PART	35.1	1,820	39.0	2,042	57,800	2.187
1680	240	HDY	XTP	45.0	1,713	50.0	1,985	53,300	2.188
1680	260	NOS	PART	41.5	1,628	46.0	1,860	51,500	2.192
1680	300	SIE	JSP	40.5	1,590	45.0	1,810	57,000	2.208
<b>Lead Bullets</b>									
5744	335	CP	WLNGC	32.0	1,500	36.5	1,710	59,600	2.181
5744	360	CP	WLNGC	31.5	1,480	35.0	1,640	59,800	2.199
No. 9	335	CP	WLNGC	28.0	1,510	31.5	1,660	61,000	2.181
No. 9	360	CP	WLNGC	27.0	1,450	30.0	1,580	60,438	2.199
4100	335	CP	WLNGC	31.0	1,520	34.5	1,675	60,000	2.181
4100	360	CP	WLNGC	29.7	1,450	33.0	1,595	59,100	2.199
1680	335	CP	WLNGC	38.0	1,500	42.0	1,684	59,700	2.181
1680	360	CP	WLNGC	36.0	1,400	39.5	1,600	57,500	2.199
<b>Barnes XPB Bullets</b>									
No. 9	200	BAR	XPB	41.4	2,168	46.0	2,409	56,690	2.289
No. 9	275	BAR	XPB	34.2	1,805	38.0	2,006	57,750	2.289
4100	200	BAR	XPB	42.0	2,030	46.7	2,255	46,492	2.289
4100	275	BAR	XPB	34.9	1,757	38.7	1,952	53,348	2.289

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## HANDGUN

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	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>475 Linebaugh</b>									
Barrel: 8.0" ■ Twist: 1-18" ■ Primer: WLP ■ Bullet Dia - .475"									
<b>Reduced Loads, Lead Bullets</b>									
5744	375	CP	LFNGC	23.4	1,086	26.0	1,207	34,670	1.731
5744	425	CP	LFNGC	18.0	889	20.0	988	29,210	1.731
<b>Standard Loads</b>									
No. 9	325	HDY	XTP	27.0	1,430	30.0	1,589	49,340	1.739
No. 9	400	HDY	XTP	21.2	1,227	23.5	1,363	48,610	1.739
4100	325	HDY	XTP	28.6	1,510	31.8	1,678	48,935	1.753
4100	400	HDY	XTP	22.3	1,247	24.7	1,386	48,501	1.755
<b>Lead Bullets</b>									
No. 9	355	TS	WFPGC	26.1	1,436	29.0	1,596	49,010	1.775
No. 9	375	CP	LFNGC	23.9	1,356	26.5	1,507	49,940	1.740
No. 9	395	CP	WLNGC	22.0	1,290	24.4	1,433	47,890	1.794
No. 9	405	MTB	KSPB	21.4	1,258	23.8	1,398	49,600	1.821
No. 9	410	CP	WFNGC	21.4	1,253	23.8	1,392	49,900	1.739
No. 9	420	CP	LFNPB	20.9	1,228	23.2	1,364	49,690	1.808
No. 9	425	MT	HUNT	21.2	1,298	23.5	1,442	49,720	1.764
No. 9	425	CP	LFNGC	18.9	1,134	21.0	1,260	43,360	1.731
4100	355	TS	WFNGC	27.0	1,435	30.0	1,595	48,541	1.770
4100	375	CP	LFNGC	24.8	1,363	27.6	1,515	49,073	1.725
4100	395	CP	WLNGC	25.2	1,355	28.0	1,506	49,083	1.794
4100	405	MT-B	KSPB	23.0	1,279	25.5	1,422	47,970	1.821
4100	410	CP	WFNGC	22.7	1,263	25.2	1,404	48,078	1.747
4100	425	CP	LFNGC	20.6	1,199	22.9	1,333	48,777	1.730
<b>Barnes XPB Bullets</b>									
No. 9	275	BAR	XPB	27.9	1,559	31.0	1,732	48,540	1.814
4100	275	BAR	XPB	28.6	1,539	31.8	1,710	46,719	1.814

<b>475 Maximum</b>									
Barrel: 7.9" ■ Twist: 1-18" ■ Primer: CCI 350 ■ Bullet Dia - .475"									
5744	355	TS	WNFPGC	34.2	1,416	38.0	1,573	49,000	1.970
5744	405	MTB	KSPB	30.9	1,314	34.3	1,460	49,460	2.025
5744	425	CP	LFNGC	28.1	1,219	31.2	1,354	49,120	1.935
No. 9	355	TS	WNFPGC	26.6	1,448	29.6	1,609	49,020	1.970
No. 9	375	CP	LFNGC	24.8	1,377	27.6	1,530	49,960	1.940
No. 9	405	MTB	KSPB	24.3	1,331	27.0	1,479	48,610	2.025
No. 9	425	CP	LFNGC	22.5	1,260	25.0	1,400	49,730	1.935

<b>480 Ruger</b>									
Barrel: 7.5" ■ Twist: 1-18" ■ Primer: WIN WLP ■ Bullet Dia - .475"									
No. 7	325	HDY	XTP	17.0	1,280	19.0	1,430	45,400	1.650
No. 7	400	HDY	XTP	13.0	1,050	15.0	1,180	45,200	1.635
No. 9	325	HDY	XTP	21.5	1,300	23.5	1,450	45,400	1.650
No. 9	400	HDY	XTP	17.0	1,130	19.0	1,240	44,600	1.635
4100	325	HDY	HP XTP	22.7	1,358	25.2	1,509	42,641	1.615
<b>Lead Bullets</b>									
No. 7	370	CP	LFNPB	15.2	1,180	17.2	1,300	46,000	1.670
No. 7	390	CP	LFNPB	14.8	1,150	16.5	1,260	46,600	1.680
No. 9	370	CP	LFNPB	19.0	1,220	21.0	1,320	44,900	1.670
No. 9	390	CP	LFNPB	18.4	1,180	20.5	1,300	45,500	1.680
4100	355	TS	WNFPGC	21.7	1,286	24.1	1,429	39,538	1.615
4100	370	CP	LFNPB	21.2	1,271	23.5	1,413	41,784	1.660
4100	375	CP	LFNGC	19.6	1,208	21.7	1,342	41,015	1.610
<b>Barnes XPB Bullets</b>									
No. 7	275	BAR	XPB	17.1	1,290	19.0	1,433	46,400	1.695
No. 9	275	BAR	XPB	22.5	1,360	25.0	1,511	40,550	1.695
4100	275	BAR	XPB	23.2	1,350	25.8	1,500	35,677	1.695

<b>500 S&amp;W</b>									
Barrel: 8.37" ■ Twist: 1-18" ■ Primer: WLR ■ Bullet Dia: 0.500"									
<b>Reduced Loads, Lead Bullets</b>									
5744	370	CP	WFNGC	32.0	1,204				
<b>Standard loads</b>									
5744	350	SIE	JHP	40.0	1,480	44.0	1,620	43,500	2.060
5744	400	SIE	JSP	37.0	1,385	41.0	1,520	43,200	2.060
No. 9	350	SIE	JHP	32.8	1,610	36.5	1,790	56,500	2.060
No. 9	400	SIE	JSP	31.0	1,490	34.5	1,670	57,500	2.060
4100	350	SIE	JHP	38.7	1,680	43.0	1,875	57,500	2.060
4100	400	SIE	JSP	35.0	1,510	40.0	1,700	57,800	2.060
1680	400	SIE	JSP	40.5	1,305	45.0	1,454	29,400	2.060
<b>Lead Bullets</b>									
5744	370	CP	WFNGC	38.3	1,432	42.5	1,566	41,800	2.020
5744	440	CP	WFNGC	34.4	1,300	38.0	1,424	43,100	2.020
No. 9	370	CP	WFNGC	32.0	1,550	35.0	1,700	56,000	2.020
No. 9	440	CP	WFNGC	27.0	1,325	30.5	1,490	56,000	2.020
4100	370	CP	WFNGC	39.0	1,650	43.5	1,825	56,000	2.020
4100	440	CP	WFNGC	33.0	1,420	37.0	1,650	57,000	2.020
1680	370	CP	WFNGC	43.0	1,375	47.5	1,550	37,000	2.020
1680	440	CP	WFNGC	38.7	1,267	43.0	1,458	35,000	2.020
<b>Barnes XPB Bullets</b>									
5744	325	BAR	XPB	39.0	1,520	43.0	1,700	41,500	2.292
5744	375	BAR	XPB	34.0	1,376	37.5	1,500	43,500	2.292
No. 9	325	BAR	XPB	32.0	1,620	36.0	1,800	54,000	2.292
No. 9	375	BAR	XPB	29.0	1,460	32.5	1,650	57,000	2.292
4100	325	BAR	XPB	38.0	1,680	42.0	1,820	57,000	2.292
4100	375	BAR	XPB	33.0	1,475	37.5	1,665	57,000	2.292
1680	375	BAR	XPB	38.0	1,250	42.0	1,450	36,500	2.292

<b>500 Linebaugh</b>									
Barrel: 7.87" ■ Twist: 1-18" ■ Primer: CCI 350 ■ Bullet Dia: 0.511"									
No. 9	350	CP	WFNGC	26.6	1,337	29.5	1,485	34,120	1.737
No. 9	435	CP	WFNGC	23.9	1,192	26.5	1,324	34,170	1.742
No. 9	520	CP	LFNGC	19.8	1,027	22.0	1,141	34,040	1.860
No. 9	525	CP	WFNGC	18.2	980	20.2	1,089	34,330	1.793
4100	350	CP	WFNGC	27.2	1,315	30.2	1,461	30,978	1.737
4100	435	CP	WFNGC	24.3	1,189	27.0	1,321	33,667	1.742
4100	520	CP	LFNGC	20.6	1,027	22.8	1,141	33,657	1.860
4100	525	CP	WFNGC	18.9	992	21.0	1,102	33,973	1.793
5744	350	CP	WFNGC	32.4	1,253	36.0	1,392	34,288	1.737
5744	435	CP	WFNGC	28.4	1,118	31.6	1,242	34,290	1.742
5744	520	CP	LFNGC	24.0	972	26.7	1,080	34,140	1.860
5744	525	CP	WFNGC	21.6	908	24.0	1,009	33,710	1.793

<b>500 Maximum</b>									
Barrel: 7.87" ■ Twist: 1-18" ■ Primer: CCI 350 ■ Bullet Dia: 0.511"									
5744	350	CP	WFNGC	38.2	1,358	42.4	1,509	33,880	1.935
5744	435	CP	WFNGC	33.8	1,204	37.5	1,338	33,510	1.975
5744	525	CP	WFNGC	27.0	1,023	30.0	1,137	33,710	2.000
1680	435	CP	WFNGC	45.0	1,399	50.0	1,554	33,610	1.975
1680	525	CP	WFNGC	34.0	1,159	37.8	1,288	33,750	2.000

## PISTOL PACKIN' POWER






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	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>17 Remington Fireball</b>									
Barrel: 24" ■ Twist: 1-10" ■ Primer: WIN WSR ■ Bullet Dia. .172"									
2015	20	HDY	V-MAX	16.7	3,541	18.5	3,934	53,010	1.808
2015	25	HDY	V-MAX	15.9	3,248	17.7	3,609	53,960	1.808
2230	20	HDY	V-MAX	18.3	3,754	20.3	4,171	52,930	1.808
2230	25	HDY	V-MAX	17.3	3,419	19.2	3,799	53,250	1.808
2460	20	HDY	V-MAX	18.5	3,677	20.5	4,086	52,660	1.808
2460	25	HDY	V-MAX	17.5	3,392	19.4	3,769	53,150	1.808
2520	20	HDY	V-MAX	18.9	3,560	21.0	3,955	44,540	1.808
2520	25	HDY	V-MAX	18.6	3,399	20.7	3,777	51,840	1.808

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>17 Remington</b>									
Barrel: 24" ■ Twist: 1-10" ■ Primer: FED 205 ■ Bullet Diameter .172"									
2495	25	HDY	HP	20.7	3,569	23.0	4,056	60,298	2.170
2520	25	HDY	HP	20.4	3,496	22.7	3,973	60,888	2.170
4064	25	HDY	HP	21.6	3,560	24.0	4,045	59,118	2.170
2700	25	HDY	HP	25.7	3,838	27.0	4,083	58,882	2.170

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>20 Vartarg</b>									
Barrel: 24" ■ Twist: 1-12" ■ Primer: WIN WSR ■ Bullet Diameter .204"									
1680	32	SIE	BK	16.6	3,437	18.5	3,793	62,900	1.855
1680	40	HDY	V-MAX	15.5	3,089	17.3	3,392	62,925	1.825
2230	32	SIE	BK	18.1	3,182	20.1	3,535	54,000	1.825
2230	40	HDY	V-MAX	17.5	2,982	19.4	3,291	58,000	1.825

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>20 Vartarg Turbo</b>									
Barrel: 24" ■ Twist: 1-12" ■ Primer: WIN WSR ■ Bullet Diameter .204"									
2015	32	SIE	BK	20.1	3,322	22.3	3,649	53,900	2.000
2015	40	HDY	V-MAX	19.9	3,246	22.1	3,528	62,875	2.030
2230	32	SIE	BK	22.1	3,663	24.5	3,954	62,910	2.000
2230	40	HDY	V-MAX	21.4	3,349	23.7	3,659	62,875	2.030

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>20 Tactical</b>									
Barrel: 24" ■ Twist: 1-12" ■ Primer: WIN WSR ■ Bullet Diameter .204"									
2015	32	SIE	BK	22.8	3,548	25.4	3,886	63,000	2.200
2015	40	HDY	V-MAX	21.3	3,204	23.7	3,553	62,900	2.240
2230	32	SIE	BK	23.6	3,671	26.2	3,975	62,975	2.200
2230	40	HDY	V-MAX	22.2	3,373	24.7	3,628	62,900	2.240
2520	32	SIE	BK	25.2	3,795	28.0	4,074	62,870	2.200
2520	40	HDY	V-MAX	24.3	3,550	27.0	3,835	62,980	2.240
2520	50	BRG	LTB	22.5	3,124	25.0	3,426	62,965	2.240

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>204 Ruger</b>									
Barrel: 24" ■ Twist: 1-12" ■ Primer: WIN WSR ■ Bullet Diameter .204"									
2015	32	SIE	BK	23.9	3,490	26.5	3,878	57,300	2.250
2015	39	SIE	BK	22.5	3,188	25.0	3,543	59,100	2.260
2230	26	BAR	VG	26.7	4,050	29.7	4,435	59,350	2.250
2230	32	HDY	V-MAX	24.7	3,564	27.5	3,960	56,300	2.250
2230	40	HDY	V-MAX	23.4	3,270	26.0	3,633	56,300	2.260
2520	26	BAR	VG	28.8	4,030	32.0	4,466	59,260	2.250
2520	32	HDY	V-MAX	26.6	3,680	29.5	4,089	59,000	2.250
2520	40	HDY	V-MAX	25.2	3,386	28.0	3,762	59,900	2.260

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>20 PPC (59,000 psi Standard Loads)</b>									
Barrel: 24" ■ Twist: 1-12" ■ Primer: WIN WSR ■ Bullet Diameter .204"									
2495	32	SIE	BK	25.8	3,692	28.7	3,966	57,950	1.947
2495	40	HDY	V-MAX	24.9	3,423	27.7	3,719	57,900	1.955
2495	50	BGR	LTB	22.2	3,031	24.7	3,305	57,875	1.995
2520	32	SIE	BK	27.9	3,822	31.0	4,243	58,000	1.947
2520	40	HDY	V-MAX	26.3	3,590	29.2	3,925	57,925	1.955
2520	50	BGR	LTB	24.4	3,233	27.1	3,527	57,975	1.995

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>20 PPC (63,000 psi)</b>									
Barrel: 24" ■ Twist: 1-12" ■ Primer: WIN WSR ■ Bullet Diameter .204"									
2495	50	BGR	LTB	22.2	3,031	25.3	3,375	62,975	1.995
2520	50	BGR	LTB	25.0	3,293	27.8	3,598	62,950	1.995

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>20 BR (59,000 psi Standard Loads)</b>									
Barrel: 24" ■ Twist: 1-12" ■ Primer: WIN WSR ■ Bullet Diameter .204"									
2495	32	SIE	BK	27.9	3,775	31.0	4,085	57,950	1.992
2495	40	HDY	V-MAX	27.0	3,636	30.0	3,761	57,900	2.000
2495	50	BGR	LTB	24.5	3,159	27.2	3,405	57,875	2.020
2520	32	SIE	BK	29.2	3,899	32.5	4,304	58,000	1.992
2520	40	HDY	V-MAX	27.6	3,662	30.7	3,952	57,925	2.000
4064	40	HDY	V-MAX	28.3	3,498	31.4	3,834	57,975	2.000
4064	50	BGR	LTB	26.4	3,188	29.3	3,468	57,850	2.020
2700	50	BGR	LTB	29.9	3,228	33.3	3,563	57,825	2.020

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>20 BR (63,000 psi)</b>									
Barrel: 24" ■ Twist: 1-12" ■ Primer: WIN WSR ■ Bullet Diameter .204"									
2495	32	SIE	BK	28.9	3,873	32.1	4,200	62,950	1.992
2495	40	HDY	V-MAX	28.2	3,685	31.3	3,816	62,900	2.000
2495	50	BGR	LTB	25.5	3,243	28.3	3,504	63,000	2.020
2520	32	SIE	BK	29.9	3,972	33.2	4,392	62,910	1.992
2520	40	HDY	V-MAX	28.4	3,662	31.6	4,035	62,550	2.000

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>22 HORNET (0.224 Diameter Bore)</b>									
Barrel: 20" ■ Twist: 1-14" ■ Primer: REM 6 1/2" ■ Bullet Diameter .224"									
5744	40	NOS	B-TIP	9.2	2,092	9.8	2,307	48,734	1.855
5744	40	SIE	HORNET	8.7	1,943	9.7	2,208	50,740	1.715
5744	50	HDY	SPSX	8.1	1,717	9.0	1,951	50,032	1.780
1680	35	HDY	V-MAX	12.1	2,516	13.5	2,860	49,442	1.775
1680	40	SIE	HORNET	12.6	2,451	14.0	2,785	50,740	1.715
1680	45	NOS	HORNET	11.1	2,194	12.3	2,493	48,026	1.720
1680	50	HDY	SPSX	10.4	2,105	11.5	2,392	50,032	1.780

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>222 Remington</b>									
Barrel: 24" ■ Twist: 1-14" ■ Primer: REM 7 1/2" ■ Bullet Diameter .224"									
2015	40	NOS	B-TIP	20.7	3,085	23.0	3,422	45,700	2.120
2015	45	NOS	B-TIP	20.4	2,976	22.7	3,296	45,000	2.120
2015	50	HDY	SPSX	20.2	2,900	22.5	3,213	48,500	2.120
2015	55	SIE	SPBT	19.3	2,770	21.5	3,070	47,200	2.120
2015	60	SIE	HP	18.5	2,661	20.6	2,950	47,800	2.120
2230	40	NOS	B-TIP	22.2	3,038	24.7	3,410	48,600	2.120
2230	45	SIE	SPT	22.0	2,910	24.5	3,269	46,700	2.120
2230	50	HDY	SPSX	21.6	2,840	24.0	3,170	48,100	2.120
2230	55	SIE	SPBT	20.5	2,720	22.8	3,032	48,500	2.120
2230	60	SIE	HP	20.0	2,630	22.2	2,931	47,800	2.120
2460	40	HDY	B-TIP	22.5	3,045	25.0	3,425	48,500	2.120
2460	45	NOS	B-TIP	22.3	2,959	24.8	3,275	47,000	2.120
2460	50	HDY	SPSX	21.9	2,850	24.3	3,180	48,200	2.120
2460	55	SIE	SPBT	20.7	2,740	23.0	3,027	47,500	2.120
2460	60	SIE	HP	20.4	2,600	22.5	2,910	46,800	2.120
2520	55	SIE	SPBT	21.5	2,641	23.8	2,985	43,500	2.120
2520	60	SIE	HP	20.7	2,562	23.0	2,897	44,800	2.120



## ACCURATE 2015

2015® is a first class performer in small to medium varmint calibers and is a popular choice for benchrest calibers and large bore, straight wall cartridges such as the 45-70 and 458 Win Mag. 2015® offers excellent ignition characteristics and shot-to-shot consistency.

# ACCURATE POWDERS



**RIFLE**

**RIFLE**

Barrel: 24"	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>223 Remington</b>									
Barrel: 24" ■ Twist: 1-12" ■ Primer: FED 205 ■ Bullet Diameter .224"									
5744	35	HDY	V-MAX	19.2	3,169	21.1	3,602	53,694	2.130
5744	40	NOS	B-TIP	18.5	3,025	20.6	3,439	54,810	2.260
5744	50	BAR	VAR	17.8	2,743	19.7	3,117	52,983	2.235
5744	53	HDY	HP	16.8	2,626	18.7	2,985	53,897	2.225
5744	55	SIE	SPT	16.8	2,612	18.7	2,968	55,000	2.230
2015	35	HDY	V-MAX	22.5	3,289	25.0	3,738	53,186	2.130
2015	40	NOS	B-TIP	22.8	3,230	25.4	3,671	52,600	2.260
2015	45	SIE	HORNET	22.5	3,058	25.0	3,475	49,800	2.115
2015	50	SIE	BK	22.1	2,921	24.5	3,319	47,100	2.235
2015	52	BRG	HP	20.4	2,855	22.7	3,245	54,959	2.250
2015	53	HDY	HP	21.2	2,818	23.5	3,203	48,500	2.225
2015	55	NOS	B-TIP	21.6	2,829	24.0	3,215	50,500	2.230
2230	35	HDY	V-MAX	25.4	3,402	28.3	3,866	48,010	2.130
2230	36	BAR	VG	25.7	3,420	28.6	3,800	51,500	2.180
2230	40	BAR	VAR	23.7	3,138	26.4	3,566	51,500	2.260
2230	45	BRG	HP	23.3	2,980	25.9	3,387	51,200	2.115
2230	50	SIE	BK	22.5	2,882	25.0	3,275	50,500	2.235
2230	50	BAR	VG	23.0	3,007	25.5	3,341	54,211	2.180
2230	52	SIE	HPBT	21.1	2,892	23.5	3,287	54,970	2.250
2230	53	HDY	HP	22.5	2,805	25.0	3,187	50,600	2.225
2230	55	NOS	B-TIP	22.5	2,773	25.0	3,152	51,000	2.230
2230	60	NOS	PART	21.2	2,663	23.5	3,025	49,900	2.235
2230	62	BRG	HP	20.4	2,623	22.8	2,982	54,950	2.250
2230	64	BRG	HP	20.3	2,566	22.5	2,916	54,915	2.250
2460	40	NOS	B-TIP	24.2	3,169	26.9	3,602	51,700	2.260
2460	45	BRG	HP	23.8	2,998	26.4	3,406	50,000	2.115
2460	50	BAR	VAR	22.5	2,871	25.0	3,262	47,800	2.235
2460	52	SIE	BTHP	21.9	2,874	24.3	3,267	54,981	2.250
2460	55	NOS	B-TIP	22.9	2,786	25.4	3,166	49,900	2.230
2460	60	HDY	V-MAX	21.8	2,652	24.2	3,014	50,100	2.235
2460	64	BRG	HP	20.7	2,572	23.0	2,922	53,100	2.250
2495	55	SIE	BK	22.7	2,820	25.2	3,206	51,800	2.230
2495	60	SIE	HP	21.3	2,626	23.7	2,985	55,000	2.235
2520	60	HDY	SP	23.8	2,720	26.4	3,091	54,516	2.235
2520	64	BRG	HP	22.5	2,655	25.0	3,017	54,980	2.250

*Italicized = CUP Pressure*

**223 Remington (1 in 7 or 9 twist)**

Barrel: 24"	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 24" ■ Twist: 1-7" or 1-9" ■ Primer: FED 205 ■ Bullet Diameter .224"									
2460	69	NOS	HPBT	21.3	2,579	23.7	2,991	51,800	2.250
2460	75	HDY	HPBT	21.1	2,457	23.5	2,792	50,400	2.255
2460	80	SIE	HPBT	20.7	2,404	23.0	2,732	50,200	2.450
2495	69	SIE	HPBT	21.6	2,556	24.0	2,905	50,500	2.250
2495	80	NOS	HPBT	20.4	2,404	22.6	2,732	52,300	2.450
2520	69	SIE	HPBT	23.3	2,625	25.9	2,983	48,900	2.250
2520	75	HDY	HPBT	22.0	2,522	24.5	2,866	52,500	2.255
2520	80	SIE	HPBT	21.6	2,411	24.0	2,740	50,400	2.450

*Italicized = CUP Pressure*



## ACCURATE 2460

2460® is suitable for small and medium sized caliber applications. It provides an additional option to shooters in order to fine tune and optimize loads and combinations with calibers ranging from the 223 Rem, 308 Win and for light bullets in the 30-06 Springfield.

**22-250 Remington**

Barrel: 24"	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 24" ■ Twist: 1-14" ■ Primer: WIN WLR ■ Bullet Diameter .224"									
2460	40	NOS	B-TIP	33.7	3,663	37.5	4,163	60,500	2.405
2460	45	BRG	HP	32.4	3,392	36.0	3,854	58,800	2.305
2460	50	BAR	VAR	32.9	3,371	36.5	3,831	61,900	2.350
2460	53	HDY	HP	31.5	3,194	35.0	3,629	58,600	2.380
2460	55	SIE	BK	32.4	3,230	36.0	3,670	62,300	2.370
2520	40	BAR	VAR	34.6	3,673	38.5	4,174	61,800	2.405
2520	45	BRG	HP	33.8	3,412	37.5	3,877	58,800	2.305
2520	50	SIE	BK	33.3	3,361	37.0	3,819	63,100	2.350
2520	53	HDY	HP	32.0	3,167	35.5	3,599	56,400	2.380
2520	55	NOS	B-TIP	32.4	3,172	36.0	3,605	59,700	2.370
4064	40	SIE	BK	35.5	3,526	39.5	4,007	54,800	2.260
4064	45	BRG	HP	35.1	3,426	39.0	3,894	56,100	2.300
4064	50	HDY	V-MAX	34.2	3,340	38.0	3,796	59,300	2.350
4064	53	SIE	HP	32.7	3,314	37.5	3,767	64,400	2.380
4064	55	HDY	V-MAX	33.3	3,236	37.0	3,678	59,500	2.370
4064	60	NOS	PART	32.4	3,086	36.0	3,507	58,700	2.400
4064	63	SIE	SP	31.0	2,983	34.5	3,390	59,000	2.325
4064	70	BRG	HP	29.0	2,833	32.2	3,220	64,500	2.325
4064	80	SIE	HPBT	29.2	2,662	32.5	3,026	62,000	2.610
2700	50	BAR	VAR	39.0	3,461	41.0	3,682	56,000	2.350
2700	53	HDY	HP	39.0	3,404	41.0	3,621	59,300	2.380
2700	55	SIE	SPT	38.0	3,436	40.0	3,655	60,700	2.370
2700	60	HDY	V-MAX	36.1	3,269	38.0	3,478	61,100	2.400
2700	63	SIE	SP	35.6	3,199	37.5	3,408	60,900	2.325
2700	70	BRG	HP	32.8	2,934	34.5	3,121	58,900	2.325
2700	80	NOS	HPBT	32.3	2,804	34.0	2,983	58,600	2.610

**220 Swift**

Barrel: 24"	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 24" ■ Twist: 1-14" ■ Primer: FED 210 ■ Bullet Diameter .224"									
4064	40	NOS	B-TIP	35.1	3,573	39.0	4,061	58,056	2.680
4064	50	BAR	VAR	35.1	3,381	39.0	3,843	60,180	2.680
4064	55	SIE	BK	33.3	3,138	37.0	3,566	61,596	2.680
2700	40	SIE	BK	42.3	3,884	47.0	4,414	61,000	2.680
2700	50	HDY	V-MAX	42.8	3,793	45.0	4,035	62,500	2.680
2700	55	NOS	B-TIP	41.3	3,602	43.5	3,832	57,000	2.680
2700	60	HDY	V-MAX	39.9	3,391	42.0	3,607	59,700	2.680
2700	63	SIE	SP	39.0	3,494	41.0	3,717	63,400	2.660
2700	70	BRG	HP	37.1	3,229	39.0	3,435	64,000	2.660

**223 Winchester Super Short Magnum (WSSM)**

Barrel: 24"	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 24" ■ Twist: 1-12" ■ Primer: WIN WLR ■ Bullet Diameter .224"									
4064	55	NOS	B-TIP	37.8	3,351	42.0	3,723	63,700	2.197
4064	69	SIE	HPBT	35.8	3,069	39.8	3,410	63,800	2.230
2700	55	SIE	BK	43.2	3,465	48.0	3,850	59,600	2.197
2700	69	NOS	HPBT	40.1	3,164	44.5	3,516	62,800	2.230
4350	55	SIE	BK	42.3	3,458	47.0	3,842	59,300	2.197
4350	69	NOS	HPBT	40.1	3,230	44.5	3,589	64,132	2.230

**6mm PPC**

Barrel: 24"	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 24" ■ Twist: 1-14" ■ Primer: REM 7 1/2" ■ Bullet Diameter .243"									
2015	60	BRG	HP	24.5	2,783	27.2	3,163	49,200	2.050
2015	70	SIE	HPBT	24.3	2,602	27.0	2,957	46,000	2.080
2230	60	BRG	HP	26.6	2,794	29.5	3,175	49,500	2.050
2230	70	BRG	HP	25.7	2,573	28.5	2,924	49,000	2.080
2460	60	SIE	HP	27.0	2,816	30.0	3,200	48,800	2.050
2460	70	BRG	HP	26.6	2,623	29.5	2,981	46,600	2.080
2495	60	SIE	HP	25.7	2,794	28.5	3,175	50,000	2.050

# ACCURATE POWDERS



## RIFLE

## RIFLE

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>6mm BR Remington</b>									
Barrel: 24" ■ Twist: 1-14" ■ Primer: FED 205 ■ Bullet Diameter .243"									
2015	58	HDY	V-MAX	27.5	3,055	30.5	3,472	52,700	2.125
2015	70	NOS	B-TIP	27.5	2,887	30.5	3,281	52,900	2.170
2015	80	SIE	BK	26.1	2,679	29.0	3,044	50,200	2.120
2230	60	SIE	HP	30.2	3,008	33.5	3,418	49,400	2.125
2230	70	BRG	HP	29.3	2,865	32.5	3,256	52,500	2.170
2460	60	BRG	HP	31.1	3,082	34.5	3,502	51,600	2.125
2460	70	SIE	HPBT	29.7	2,882	33.0	3,275	51,600	2.170
2495	60	SIE	HP	29.7	2,983	33.0	3,390	46,700	2.125
2495	70	NOS	B-TIP	28.4	2,871	31.5	3,262	50,500	2.170
2520	60	SIE	HP	31.5	3,047	35.0	3,462	50,500	2.125
2520	70	NOS	B-TIP	30.6	2,889	34.0	3,283	51,900	2.170
2520	80	BRG	HP	29.7	2,746	33.0	3,121	51,200	2.120

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>243 Winchester</b>									
Barrel: 24" ■ Twist: 1-10" ■ Primer: REM 9 ½ ■ Bullet Diameter .243"									
2700	55	NOS	B-TIP	43.6	3,364	48.5	3,823	59,118	2.605
2700	58	HDY	V-MAX	41.9	3,225	46.5	3,665	59,944	2.580
2700	70	SIE	BK	40.5	3,078	45.0	3,498	59,118	2.650
2700	80	NOS	B-TIP	39.9	3,039	42.0	3,233	59,472	2.700
2700	85	SIE	SPT	39.0	2,952	41.0	3,140	58,056	2.660
2700	95	HDY	SST	37.1	2,740	39.0	2,915	58,646	2.700
2700	100	SIE	SBT	34.2	2,588	36.0	2,753	56,994	2.700
3100	85	SIE	HPBT	41.4	2,756	46.0	3,132	55,224	2.660
3100	95	NOS	B-TIP	39.6	2,649	44.0	3,010	58,174	2.700
3100	100	SIE	SBT	38.7	2,610	43.0	2,966	59,987	2.700
4350	55	NOS	B-TIP	42.7	3,094	47.5	3,516	50,386	2.605
4350	58	BAR	VAR	43.2	3,196	48.0	3,632	56,994	2.580
4350	70	NOS	B-TIP	43.2	3,107	48.0	3,531	56,168	2.650
4350	80	SIE	SPT	39.6	2,918	44.0	3,316	56,522	2.700
4350	87	HDY	V-MAX	39.6	2,899	44.0	3,294	58,764	2.660
4350	95	NOS	B-TIP	36.0	2,680	40.0	3,046	59,826	2.700
4350	100	SIE	SPT	35.1	2,623	39.0	2,981	59,969	2.700

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>6mm Remington</b>									
Barrel: 24" ■ Twist: 1-10" ■ Primer: FED 210M ■ Bullet Diameter .243"									
4064	55	NOS	B-TIP	40.5	3,547	45.0	4,031	60,180	2.765
4064	60	SIE	HP	40.9	3,432	45.5	3,901	63,600	2.750
4064	65	HDY	V-MAX	40.9	3,290	45.5	3,739	61,500	2.775
4064	70	NOS	B-TIP	40.0	3,235	44.5	3,677	63,200	2.775
2700	55	NOS	B-TIP	45.1	3,445	50.5	3,915	59,944	2.765
2700	58	BAR	VAR	45.5	3,295	50.5	3,744	60,300	2.750
2700	70	SIE	BK	44.1	3,145	49.0	3,574	62,500	2.775
2700	80	SIE	SPT	43.2	3,006	48.0	3,416	62,900	2.825
2700	87	HDY	V-MAX	41.9	2,852	46.5	3,241	59,800	2.810
2700	100	NOS	PART	41.0	2,692	45.5	3,059	61,400	2.825
2700	105	HDY	A-MAX	40.1	2,605	44.5	2,960	60,900	2.825
4350	80	NOS	B-Tip	44.6	2,997	49.5	3,406	61,800	2.825
4350	87	HDY	SP	43.7	2,879	48.5	3,272	62,000	2.810
4350	100	SIE	SBT	41.0	2,676	45.6	3,041	61,000	2.825
4350	105	HDY	A-MAX	39.6	2,563	44.0	2,912	59,200	2.825
4350	115	BAR	RN	39.6	2,498	44.0	2,839	62,500	2.825

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>243 Winchester Super Short Magnum (WSSM)</b>									
Barrel: 24" ■ Twist: 1-10" ■ Primer: WIN WLR ■ Bullet Diameter .243"									
4064	58	HDY	V-MAX	42.3	3,500	47.0	3,888	59,300	2.260
4064	75	HDY	V-MAX	38.7	3,112	43.0	3,458	62,700	2.310
4064	100	SIE	SPBT	35.0	2,660	39.0	2,961	63,600	2.310
2700	75	HDY	V-MAX	44.0	3,240	49.0	3,606	61,500	2.310
2700	100	SIE	SPBT	39.6	2,780	44.0	3,088	64,000	2.310
4350	75	HDY	V-MAX	41.5	3,050	46.0	3,358	62,500	2.310
4350	100	SIE	SPBT	40.0	2,805	44.0	3,050	61,000	2.310

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>257 Roberts</b>									
Barrel: 24" ■ Twist: 1-10" ■ Primer: FED 210 ■ Bullet Diameter .257"									
2700	75	SIE	HP	43.7	3,048	46.0	3,243	44,800	2.745
2700	85	BAR	X	40.9	2,868	43.0	3,051	44,100	2.770
2700	90	SIE	HPBT	39.9	2,810	42.0	2,989	42,700	2.735
4350	75	HDY	V-MAX	42.3	2,866	47.0	3,257	43,600	2.745
4350	85	BAR	X	41.4	2,728	46.0	3,100	44,500	2.770
4350	90	SIE	HPBT	40.5	2,641	45.0	3,001	42,100	2.735
4350	100	BAR	X	36.9	2,410	41.0	2,739	42,700	2.760
4350	100	NOS	B-TIP	40.1	2,550	44.5	2,898	44,100	2.775
4350	117	SIE	SBT	38.7	2,376	43.0	2,700	44,100	2.775
3100	90	SIE	HPBT	45.0	2,689	50.0	3,056	44,000	2.735
3100	100	BAR	X	41.4	2,381	46.0	2,706	37,800	2.760
3100	100	NOS	BT	44.1	2,520	49.0	2,864	39,900	2.775
3100	117	HDY	SST	43.2	2,408	48.0	2,736	43,700	2.775

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>25 Winchester Super Short Magnum (WSSM)</b>									
Barrel: 24" ■ Twist: 1-10" ■ Primer: WIN WLR ■ Bullet Diameter .257"									
4064	87	HDY	SP	40.0	3,033	44.5	3,370	62,900	2.213
4064	100	BAR	TSX	37.8	2,837	42.0	3,153	61,000	2.242
4064	100	NOS	B-TIP	38.7	2,876	43.0	3,196	62,800	2.300
4064	115	BAR	TSX	35.6	2,605	39.5	2,895	62,000	2.281
4064	117	HDY	SPBT	36.0	2,585	40.0	2,872	64,500	2.340
2700	87	HDY	SP	46.4	3,192	51.5	3,547	61,500	2.213
2700	100	BAR	TSX	43.2	2,970	48.0	3,300	62,200	2.242
2700	100	NOS	B-TIP	43.7	2,982	48.5	3,313	64,800	2.300
2700	115	BAR	TSX	40.0	2,700	44.5	3,010	63,300	2.281
2700	117	HDY	SPBT	41.4	2,750	46.0	3,056	63,900	2.340

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>25-06 Remington</b>									
Barrel: 24" ■ Twist: 1-10" ■ Primer: WIN WLR ■ Bullet Diameter .257"									
2700	75	HDY	V-MAX	47.7	3,302	53.0	3,753	62,500	3.065
2700	90	SIE	HPBT	45.0	3,006	50.0	3,416	62,920	3.075
4350	75	HDY	V-MAX	53.1	3,326	59.0	3,780	61,400	3.065
4350	90	SIE	HPBT	48.6	3,055	54.0	3,472	62,900	3.075
3100	75	SIE	HP	54.0	3,154	60.0	3,585	57,900	3.065
3100	90	SIE	HP	50.9	2,965	56.5	3,370	59,700	3.075
3100	100	NOS	B-TIP	49.5	2,889	55.0	3,283	63,000	3.190
3100	115	NOS	PART	47.5	2,691	52.8	3,059	61,400	3.195
3100	120	SIE	HPBT	46.8	2,620	52.0	2,978	61,200	3.120
Magpro	87	HDY	SP	56.3	3,261	62.5	3,573	60,900	3.100
Magpro	120	SIE	HPBT	48.6	2,777	54.0	3,039	61,000	3.200

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>6.5 Grendel (For AR-15 Style Weapons)</b>									
Barrel: 20" ■ Twist: 1-10" ■ Primer: WIN WSR ■ Bullet Diameter .264"									
2230	85	SIE	HP	27.4	2,656	30.8	2,873	51,700	2.150
2230	95	HDY	V-MAX	25.5	2,535	28.3	2,713	51,800	2.190
2230	100	NOS	B-TIP	25.3	2,411	28.1	2,636	51,600	2.230
2230	107	SIE	HPBT	24.8	2,329	27.8	2,520	51,500	2.260
2230	120	SIE	HPBT	23.6	2,224	26.3	2,395	51,900	2.260

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>6.5 Creedmoor</b>									
Barrel: 24" ■ Twist: 1-9" ■ Primer: WIN WLR ■ Bullet Diameter .264"									
4064	107	SIE	HPBT	37.8	2,757	42.0	3,063	59,600	2.710
4064	120	NOS	B-TIP	36.0	2,549	40.0	2,832	59,240	2.710
4064	123	HDY	SP	36.5	2,570	40.5	2,856	59,630	2.780
4064	140	HDY	A-MAX	33.9	2,332	37.7	2,591	58,810	2.740
4064	142	SIE	HPBT	34.2	2,335	38.0	2,594	58,670	2.820
2700	120	NOS	B-TIP	39.6	2,629	44.0	2,921	58,410	2.710
2700	123	SIE	B-TIP	39.9	2,655	44.3	2,950	58,450	2.780
2700	140	HDY	A-MAX	37.8	2,432	42.0	2,702	58,550	2.740
2700	142	SIE	HPBT	37.8	2,433	42.0	2,703	58,490	2.820


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**RIFLE**

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>6.5x55 Swedish Mauser</b>									
Barrel: 24" ■ Twist: 1-9" ■ Primer: WIN WLR ■ Bullet Diameter .264"									
4064	85	SIE	HP	40.9	2,866	45.5	3,257	49,206	2.850
4064	100	NOS	B-TIP	39.6	2,692	44.0	3,060	49,206	2.975
2700	100	HDY	SP	45.6	2,907	48.0	3,093	50,100	2.975
2700	129	HDY	SST	40.9	2,496	43.0	2,655	50,300	3.025
2700	140	SIE	SBT	39.9	2,416	42.0	2,570	50,400	3.000
4350	100	SIE	HP	43.2	2,578	48.0	2,929	41,900	2.975
4350	129	HDY	SP	41.4	2,423	46.0	2,753	50,300	3.025
4350	140	SIE	HPBT	40.5	2,314	45.0	2,629	48,100	3.000
3100	129	HDY	SP	44.1	2,394	49.0	2,721	47,500	3.025
3100	140	SIE	SBT	42.3	2,221	47.0	2,524	41,400	3.000
3100	160	HDY	RN	41.4	2,155	46.0	2,449	43,200	2.970

**260 Remington**

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>260 Remington</b>									
Barrel: 24" ■ Twist: 1-9" ■ Primer: WIN WLR ■ Bullet Diameter .264"									
2700	85	SIE	HP	43.2	2,939	48.0	3,340	58,700	2.670
2700	100	BAR	X	38.5	2,635	42.8	2,995	56,500	2.750
2700	100	NOS	B-TIP	40.5	2,746	45.0	3,121	58,900	2.765
2700	100	NOS	PART	41.0	2,783	45.5	3,163	59,600	2.720
2700	107	SIE	HPBT	41.4	2,722	46.0	3,094	58,200	2.800
2700	120	NOS	B-TIP	37.8	2,468	42.0	2,805	58,700	2.800
2700	125	NOS	PART	37.8	2,439	42.0	2,772	56,700	2.780
2700	129	HDY	SP	36.9	2,366	41.0	2,689	57,100	2.780
2700	140	HDY	A-MAX	36.0	2,271	40.0	2,581	58,000	2.750
2700	142	SIE	HPBT	36.9	2,323	41.0	2,640	58,800	2.800
4350	100	NOS	B-TIP	43.2	2,845	48.0	3,234	58,700	2.765
4350	107	SIE	HPBT	43.2	2,797	48.0	3,179	58,900	2.800
4350	120	NOS	B-TIP	40.0	2,594	44.5	2,948	60,000	2.800
4350	125	NOS	PART	40.5	2,584	45.0	2,937	60,000	2.780
4350	129	HDY	SP	39.6	2,493	44.0	2,833	58,400	2.780
4350	130	BAR	X	36.4	2,323	40.5	2,640	58,600	2.750
4350	140	NOS	PART	38.2	2,405	42.5	2,733	59,400	2.780
4350	140	SIE	SBT	39.1	2,413	43.5	2,743	59,100	2.750
4350	142	SIE	HPBT	38.7	2,414	43.0	2,744	57,500	2.800
3100	120	NOS	B-TIP	43.2	2,564	48.0	2,914	57,900	2.800
3100	125	NOS	PART	43.2	2,563	48.0	2,913	58,700	2.780
3100	129	HDY	SST	42.3	2,547	47.0	2,895	56,600	2.780
3100	130	BAR	X	39.1	2,324	43.5	2,642	57,500	2.750
3100	140	NOS	PART	40.5	2,390	45.0	2,717	57,800	2.780
3100	142	SIE	HPBT	41.4	2,354	46.0	2,676	54,600	2.800

**6.5x284 Winchester**

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>6.5x284 Winchester</b>									
Barrel: 26" ■ Twist: 1-9" ■ Primer: WIN WLR ■ Bullet Diameter .264"									
Magpro	123	SIE	HPBT	55.4	2,948	61.5	3,275	63,500	2.898
Magpro	142	SIE	HPBT	52.3	2,702	58.1	3,002	61,540	2.980

**6.8 SPC**

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>6.8 SPC</b>									
Barrel: 20" ■ Twist: 1-10" ■ Primer: WIN WLR ■ Bullet Diameter .277"									
2015	90	SIE	HP	26.6	2,500	29.5	2,774	55,500	2.240
2015	110	HDY	V-MAX	24.8	2,433	27.5	2,534	57,800	2.260
2015	130	NOS	B-TIP	22.5	2,050	25.0	2,276	58,000	2.260
2230	90	SIE	HP	27.9	2,565	31.0	2,850	55,500	2.240
2230	110	HDY	V-MAX	26.6	2,356	29.5	2,620	57,200	2.260
2230	130	SIE	SPT	24.3	2,140	27.0	2,375	57,800	2.260

**270 Winchester**

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>270 Winchester</b>									
Barrel: 24" ■ Twist: 1-10" ■ Primer: WIN WLR ■ Bullet Diameter .277"									
2700	130	NOS	B-TIP	46.8	2,638	52.5	3,005	63,400	3.300
2700	140	HDY	SBT	46.3	2,625	51.8	2,980	62,500	3.300
2700	150	SIE	SPBT	46.0	2,574	51.0	2,840	63,500	3.300
2700	160	NOS	PART	45.0	2,450	50.0	2,750	63,500	3.228
4350	130	NOS	B-TIP	49.5	2,660	53.5	3,000	63,500	3.300
4350	140	HDY	SBT	46.8	2,629	52.0	2,988	63,400	3.300
4350	150	SIE	SBT	46.3	2,565	51.5	2,812	63,800	3.300
4350	160	NOS	PART	46.0	2,550	51.0	2,800	64,000	3.228
3100	130	NOS	B-TIP	51.3	2,640	57.0	2,940	57,500	3.300
3100	140	HDY	SBT	52.2	2,598	56.5	2,791	57,500	3.300
3100	150	SIE	SBT	52.2	2,547	56.0	2,769	52,000	3.300
Magpro	130	NOS	B-TIP	58.5	2,919	65.0	3,234	63,200	3.300
Magpro	150	SIE	SBT	55.4	2,725	61.5	3,000	63,600	3.300

**270 Winchester Short Magnum (WSM)**

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>270 Winchester Short Magnum (WSM)</b>									
Barrel: 24" ■ Twist: 1-10" ■ Primer: WIN WLRM ■ Bullet Diameter .277"									
4350	100	HDY	SP	58.0	3,200	64.0	3,500	64,500	2.675
4350	130	SIE	SPBT	55.6	3,063	61.8	3,256	64,100	2.700
4350	130	BAR	TSX	53.0	2,888	59.0	3,192	63,600	2.792
4350	140	HDY	BTSP	54.4	2,865	60.4	3,137	63,300	2.760
4350	150	SIE	SPBT	52.0	2,712	56.0	2,980	63,800	2.760
3100	130	BAR	TSX	58.5	2,780	65.0	3,100	55,000	2.792
3100	130	SIE	SPBT	59.4	2,870	66.0	3,212	60,300	2.700
3100	140	HDY	BTSP	59.0	2,811	65.5	3,135	62,400	2.760
3100	150	SIE	SPBT	56.7	2,758	63.0	3,036	63,200	2.760
Magpro	130	BAR	TSX	65.3	2,925	72.5	3,250	62,300	2.792
Magpro	130	SIE	SPBT	68.0	3,062	75.5	3,359	61,600	2.700
Magpro	140	HDY	BTSP	66.8	2,985	74.2	3,275	64,500	2.760
Magpro	150	SIE	SPBT	63.0	2,864	70.0	3,136	64,700	2.760

**7mm-08 Remington**

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>7mm-08 Remington</b>									
Barrel: 24" ■ Twist: 1-9" ■ Primer: WIN WLR ■ Bullet Diameter .284"									
4064	100	SIE	HP	41.4	2,786	46.0	3,166	54,870	2.665
4064	120	NOS	B-TIP	38.7	2,603	43.0	2,958	56,758	2.765
4064	130	SIE	HPBT	38.2	2,502	42.5	2,844	60,416	2.770
4064	139	HDY	SST	37.8	2,442	42.0	2,775	58,646	2.800
4064	150	SIE	SBT	36.9	2,346	41.0	2,667	58,764	2.800
4064	160	NOS	PART	36.0	2,246	40.0	2,553	60,973	2.800
2700	100	SIE	HP	45.6	2,859	48.0	3,041	59,826	2.665
2700	120	HDY	V-MAX	44.2	2,699	46.5	2,871	58,056	2.765
2700	130	SIE	HPBT	42.8	2,612	45.0	2,779	59,590	2.770
2700	140	NOS	B-TIP	42.3	2,538	44.5	2,700	58,410	2.800
2700	150	SIE	HPBT	41.3	2,477	43.5	2,635	60,997	2.800
2700	160	NOS	PART	39.9	2,311	42.0	2,458	53,808	2.800
2700	168	SIE	HPBT	39.9	2,157	42.0	2,451	55,814	2.800
4350	139	HDY	SST	42.8	2,467	47.5	2,803	58,764	2.800
4350	150	SIE	SBT	41.9	2,403	46.5	2,731	60,298	2.800
4350	160	NOS	PART	41.4	2,314	46.0	2,630	58,292	2.800
4350	168	SIE	HPBT	41.4	2,284	46.0	2,596	59,472	2.800

**7x57mm Mauser**

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>7x57mm Mauser</b>									
Barrel: 24" ■ Twist: 1-9" ■ Primer: FED 210 ■ Bullet Diameter .284"									
4064	120	NOS	B-TIP	39.1	2,498	43.5	2,838	51,037	2.900
4064	140	SIE	SBT	37.8	2,361	42.0	2,683	53,336	3.025
4064	150	NOS	B-TIP	36.0	2,216	40.0	2,519	49,796	3.060
4064	160	SIE	SBT	35.1	2,117	39.0	2,406	51,448	3.020
2700	120	SIE	SPT	47.5	2,749	50.0	2,924	52,864	2.900
2700	139	HDY	SST	45.1	2,577	47.5	2,742	50,504	3.025
2700	150	NOS	B-TIP	43.7	2,468	46.0	2,626	50,976	3.060
2700	160	SIE	SBT	40.9	2,255				





**RIFLE**

**RIFLE**

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>7mm Remington Short Action Ultra Magnum (RSAUM)</b>									
Barrel: 24" ■ Twist: 1-9.5" ■ Primer: FED 215 ■ Bullet Diameter: .284"									
2700	140	SIE	SPBT	53.0	2,750	59.0	3,000	64,100	2.800
2700	154	HDY	SP	51.5	2,620	57.5	2,890	62,000	2.825
2700	160	SIE	HPBT	50.0	2,520	55.5	2,780	62,900	2.800
4350	140	SIE	SPBT	54.0	2,840	60.0	3,130	63,500	2.800
4350	154	HDY	SP	52.5	2,750	58.0	3,005	63,500	2.825
4350	160	SIE	HPBT	51.0	2,670	56.5	2,930	63,100	2.800
4350	175	SIE	SPBT	49.5	2,550	55.0	2,800	62,500	2.820
3100	160	SIE	HPBT	56.0	2,600	62.0	2,920	62,500	2.800
3100	175	SIE	SPBT	54.0	2,500	60.0	2,770	59,500	2.820
Magpro	160	SIE	HPBT	60.0	2,700	66.0	3,020	60,000	2.800
Magpro	175	SIE	SPBT	58.0	2,590	64.0	2,900	60,200	2.820

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>7mm Winchester Short Magnum (WSM)</b>									
Barrel: 24" ■ Twist: 1-9" ■ Primer: WIN WLRM ■ Bullet Diameter: .284"									
<b>Reduced Loads</b>									
5744	160	SIE	HPBT	26.5	1,519	29.4	2,120	33,600	2.760
<b>Standard Loads</b>									
4350	120	HDY	HP	60.3	3,153	67.0	3,423	63,400	2.760
4350	140	SIE	SPBT	58.7	3,013	65.2	3,232	63,500	2.760
4350	154	HDY	SP	54.9	2,836	61.0	3,026	62,900	2.760
4350	160	SIE	HPBT	54.7	2,737	60.8	2,969	62,200	2.760
4350	175	SIE	SPBT	50.4	2,555	56.0	2,785	62,700	2.760
3100	120	HDY	HP	61.9	3,036	68.8	3,367	63,100	2.760
3100	140	SIE	SPBT	60.8	2,881	67.5	3,194	63,000	2.760
3100	154	HDY	SP	59.4	2,803	66.0	3,060	63,300	2.760
3100	160	SIE	HPBT	57.6	2,749	64.0	3,000	63,500	2.760
3100	175	SIE	SPBT	56.9	2,720	63.2	2,987	63,400	2.760
Magpro	120	HDY	HP	69.7	3,138	77.5	3,419	56,800	2.760
Magpro	140	SIE	SPBT	68.1	3,001	75.7	3,272	59,900	2.760
Magpro	154	HDY	SP	66.1	2,808	73.4	3,107	59,500	2.760
Magpro	160	SIE	HPBT	64.8	2,820	72.0	3,063	60,200	2.760
Magpro	175	SIE	SPBT	64.0	2,729	71.1	2,966	61,700	2.760

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>7mm Remington Magnum</b>									
Barrel: 24" ■ Twist: 1-9" ■ Primer: REM 9 1/2M ■ Bullet Diameter: .284"									
4350	100	HDY	HP	60.3	2,944	67.0	3,345	60,300	3.280
4350	120	NOS	B-TIP	56.7	2,829	63.0	3,215	57,800	3.260
4350	130	SIE	HPBT	55.8	2,735	62.0	3,108	58,400	3.245
4350	139	HDY	SST	54.9	2,665	61.0	3,028	54,900	3.270
3100	100	HDY	HP	65.3	2,964	72.5	3,368	58,800	3.280
3100	120	NOS	B-TIP	64.2	2,926	71.3	3,325	59,900	3.260
3100	130	SIE	HPBT	61.0	2,776	67.8	3,155	59,000	3.245
3100	139	HDY	SST	61.2	2,721	68.0	3,092	58,200	3.270
3100	150	NOS	B-TIP	59.4	2,643	66.0	3,003	60,200	3.280
3100	160	SIE	SBT	57.2	2,512	63.5	2,855	59,000	3.280
3100	168	SIE	HPBT	55.8	2,442	62.0	2,775	57,900	3.280
3100	175	HDY	SP	54.5	2,376	60.5	2,700	59,700	3.275
3100	195	BAR	SP	52.7	2,233	58.5	2,538	59,800	3.275
Magpro	140	NOS	B-TIP	66.3	2,952	73.7	3,220	60,300	3.270
Magpro	160	SIE	SBT	61.7	2,737	68.6	3,000	60,400	3.280
Magpro	175	HDY	SP	59.5	2,640	66.0	2,854	61,300	3.275

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>7mm STW (Shooting Times Westerner)</b>									
Barrel: 24" ■ Twist: 1-9" ■ Primer: FED 215 ■ Bullet Diameter: .284"									
3100	140	BAR	X	65.7	2,776	73.0	3,155	62,400	3.600
3100	150	NOS	B-TIP	65.7	2,736	73.0	3,109	64,400	3.600
3100	160	BAR	X	64.8	2,607	72.0	2,963	62,500	3.600
3100	160	NOS	PART	65.7	2,707	73.0	3,076	64,600	3.600
3100	175	HDY	SP	66.6	2,559	74.0	2,908	57,800	3.600

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>30-30 Winchester</b>									
Barrel: 24" ■ Twist: 1-12" ■ Primer: WIN WLR ■ Bullet Diameter: .308"									
<b>Reduced Loads, Lead Bullets</b>									
5744	170	LC	RNFP	19.8	1,791	22.0	2,035	32,800	2.550
5744	190	LYM	311644	20.0	1,754	22.0	1,953	35,300	2.800
<b>Standard Loads</b>									
2460	110	HDY	RN	33.3	2,369	37.0	2,692	37,400	2.440
2460	150	SIE	FN	29.3	2,015	32.5	2,290	40,200	2.540
2460	170	NOS	RN	27.2	1,864	30.2	2,118	39,900	2.545
2495	110	HDY	RN	33.3	2,375	37.0	2,699	41,000	2.440
2495	150	SIE	FN	27.5	1,960	30.5	2,227	40,600	2.540
2520	110	HDY	RN	34.2	2,366	38.0	2,629	35,700	2.440
2520	150	SIE	FN	30.2	2,046	33.5	2,325	38,800	2.540
2520	170	SIE	FN	28.4	1,874	31.5	2,129	38,400	2.545
4064	110	HDY	RN	35.1	2,380	39.0	2,705	41,400	2.440
4064	125	SIE	FNHP	34.2	2,225	38.0	2,529	39,600	2.430
4064	150	SIE	FN	29.7	1,975	33.0	2,245	40,500	2.540
4064	170	NOS	RN	27.0	1,757	30.0	1,997	39,900	2.545
<b>Standard Loads, Lead Bullets</b>									
2460	170	LC	RNFP	24.8	1,775	27.5	2,017	28,300	2.550
2460	190	LYM	311644	24.3	1,785	27.0	2,028	37,500	2.800
2495	170	LC	RNFP	24.8	1,771	27.5	2,013	35,100	2.550
2495	190	LYM	311644	24.7	1,707	27.5	1,940	30,600	2.800
2520	170	LC	RNFP	25.7	1,807	28.5	2,053	29,300	2.550
2520	190	LYM	311644	25.6	1,805	28.5	2,051	36,300	2.800
4064	170	LC	RNFP	27.0	1,777	30.0	2,020	28,600	2.550

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>308 Winchester</b>									
Barrel: 24" ■ Twist: 1-12" ■ Primer: FED 210 ■ Bullet Diameter: .308"									
<b>Reduced Loads, Lead Bullets</b>									
5744	160	LYM	RNGC	19.5	1,650	28.5	2,350	42,000	2.570
5744	200	LYM	RNGC	18.0	1,550	27.0	2,124	38,000	2.875
<b>Standard Loads</b>									
2230	125	NOS	B-TIP	41.4	2,821	46.0	3,120	58,950	2.720
2230	150	SIE	SPBT	40.1	2,643	44.5	2,865	59,500	2.750
2230	168	SIE	HPBT	37.4	2,461	41.5	2,676	61,000	2.800
2460	125	NOS	B-TIP	42.3	2,652	47.0	3,014	57,348	2.780
2460	150	HDY	SST	40.5	2,433	45.0	2,765	57,230	2.745
2460	168	SIE	HPBT	38.3	2,289	42.5	2,601	57,348	2.800
2460	175	SIE	HPBT	36.4	2,242	40.5	2,548	58,500	2.800
2460	180	NOS	B-TIP	37.4	2,177	41.5	2,474	58,410	2.800
2495	125	NOS	B-TIP	42.3	2,579	47.0	2,931	53,336	2.780
2495	150	HDY	SP	41.4	2,469	46.0	2,806	56,522	2.745
2495	168	SIE	HPBT	40.1	2,336	44.5	2,654	56,522	2.800
2495	175	SIE	HPBT	37.3	2,272	41.5	2,582	58,800	2.800
2495	180	NOS	B-TIP	38.7	2,281	43.0	2,592	59,944	2.800
2495	190	SIE	HPBT	36.0	2,108	40.0	2,395	53,454	2.800
2520	150	HDY	SST	42.3	2,542	47.0	2,825	61,200	2.735
2520	155	SIE	Palma	42.8	2,610	47.5	2,890	61,500	2.775
2520	168	SIE	HPBT	40.5	2,387	45.0	2,712	59,236	2.800
2520	175	SIE	HPBT	40.0	2,350	44.5	2,650	61,500	2.800
2520	180	NOS	B-TIP	39.2	2,295	43.5	2,585	61,000	2.800
2520	190	SIE	HPBT	38.3	2,235	42.5	2,500	61,200	2.800
<b>Frangible Bullets</b>									
A-2460	125	SF	NTP	41.0	2,720	45.5	3,022	47,690	2.700



**Rifle powders with serious high impact power**

# ACCURATE POWDERS



## RIFLE

## RIFLE

Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
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### 30-06 Springfield

Barrel: 24" ■ Twist: 1-10" ■ Primer: WIN WLR ■ Bullet Diameter .308"

#### Reduced Loads, Lead Bullets

5744	160 LYM	RNGC	27.0	2,085	34.5	2,525	41,800	3.035
5744	173 LYM	FNGC	25.0	1,920	32.0	2,337	41,100	3.015
5744	200 LYM	RNGC	22.0	1,625	30.0	2,134	42,000	3.250

#### Standard Loads

4064	125 NOS	B-TIP	51.3	2,891	57.0	3,286	56,400	3.310
4064	130 SIE	SBT	48.6	2,785	54.0	3,165	57,000	3.185
4064	150 HDY	SST	47.2	2,648	52.5	3,010	58,900	3.335
4064	165 BAR	X	46.3	2,487	51.5	2,827	57,900	3.245
4064	180 SIE	HPBT	43.6	2,379	48.5	2,704	58,300	3.290
2700	125 SIE	SPT	55.8	2,812	62.0	3,195	56,300	3.150
2700	130 HDY	SP	54.9	2,750	61.0	3,125	55,500	3.150
2700	150 SIE	SBT	53.1	2,580	59.0	2,932	54,900	3.250
2700	150 BAR	X	51.3	2,544	57.0	2,891	57,900	3.285
2700	165 BAR	X	48.6	2,382	54.0	2,707	58,500	3.245
2700	168 SIE	HPBT	48.6	2,404	54.0	2,732	57,700	3.295
2700	180 SIE	HPBT	49.5	2,328	55.0	2,646	56,000	3.290
2700	190 SIE	HPBT	46.8	2,217	52.0	2,519	53,700	3.325
2700	200 NOS	PART	46.4	2,148	51.5	2,441	53,900	3.295
2700	220 SIE	RN	44.6	2,048	49.5	2,327	58,200	3.200
4350	165 BAR	X	51.3	2,428	57.0	2,759	56,300	3.245
4350	175 SIE	HPBT	51.3	2,486	57.0	2,825	56,300	3.290
4350	180 SIE	HPBT	51.3	2,389	57.0	2,715	56,400	3.290
4350	190 SIE	HPBT	50.0	2,343	55.5	2,663	60,000	3.325
4350	200 NOS	PART	49.5	2,261	55.0	2,569	58,800	3.295
4350	220 SIE	RN	49.5	2,171	55.0	2,467	59,400	3.200

#### Standard Loads, Lead Bullets

4064	180 LYM	311322	40.5	2,148	45.0	2,441	36,000	3.015
4064	200 LC	RNGC	38.7	2,027	43.0	2,304	43,900	3.195
2700	180 LYM	311322	41.4	2,078	46.0	2,361	38,900	3.015
2700	200 LC	RNGC	39.6	1,932	44.0	2,196	42,000	3.195

### 300 Remington Short Action Ultra Magnum (RSAUM)

Barrel: 24" ■ Twist: 1-10" ■ Primer: FED 210 ■ Bullet Diameter .308"

#### Reduced Loads

5744	165 HDY	SP	20.4	1,527	30.5	2,120	29,700	2.680
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#### Standard Loads

4064	150 HDY	BTSP	55.0	2,874	61.0	3,200	64,500	2.800
4064	165 SIE	SPBT	53.6	2,770	59.5	3,062	64,600	2.800
4064	180 SWF	SIR	50.0	2,622	55.5	2,870	63,900	2.800
2700	150 HDY	BTSP	60.0	2,940	67.0	3,212	64,700	2.800
2700	165 SIE	SPBT	58.7	2,794	65.2	3,126	64,400	2.800
2700	180 SWF	SIR	54.5	2,676	60.5	2,954	64,600	2.800
2700	200 NOS	A-BOND	52.0	2,480	58.0	2,800	64,300	2.800

### 300 RCM

Barrel: 24" ■ Twist: 1-10" ■ Primer: WIN WLRM ■ Bullet Diameter .308"

4064	150 BAR	TSX	53.6	2,799	59.5	3,110	62,270	2.800
4064	150 HDY	SST INTK	53.6	2,833	59.5	3,148	63,300	2.800
4064	165 BAR	TSX	51.3	2,638	57.0	2,931	62,830	2.800
4064	168 SIE	HPBT	52.2	2,692	58.0	2,991	64,340	2.800
4064	180 BAR	TSX	49.5	2,498	55.0	2,776	61,760	2.800
4064	180 SIE	HPBT	50.4	2,561	56.0	2,846	62,930	2.800
4064	200 NOS	A-BOND	48.6	2,386	54.0	2,651	61,640	2.800
2700	150 BAR	TSX	58.5	2,891	65.0	3,232	63,810	2.800
2700	150 HDY	SST INTK	58.5	2,891	65.0	3,212	61,770	2.800
2700	165 BAR	TSX	55.8	2,735	62.0	3,039	64,070	2.800
2700	168 SIE	HPBT	56.7	2,753	63.0	3,059	63,440	2.800
2700	180 BAR	TSX	53.7	2,603	59.7	2,892	64,240	2.800
2700	180 SIE	HPBT	54.7	2,638	60.8	2,931	64,090	2.800
2700	200 NOS	A-BOND	52.9	2,471	58.8	2,745	62,530	2.800

### 300 Winchester Short Magnum (WSM)

Barrel: 24" ■ Twist: 1-10" ■ Primer: WIN WLRM ■ Bullet Diameter .308"

#### Reduced Loads

5744	165 NOS	B-TIP	27.5	1,864	30.5	2,071	27,900	2.800
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#### Standard Loads

2700	150 HDY	BTSP	61.0	2,900	68.0	3,220	62,500	2.800
2700	165 SIE	HPBT	59.2	2,777	65.8	3,085	61,300	2.800
2700	180 SIE	SPBT	58.5	2,683	65.0	2,981	61,100	2.800
2700	200 NOS	PART	55.8	2,514	62.0	2,793	60,600	2.800
4350	150 HDY	BTSP	63.5	2,950	70.8	3,285	63,500	2.800
4350	165 SIE	HPBT	61.2	2,823	68.0	3,137	61,800	2.800
4350	180 SIE	SPBT	60.3	2,722	67.0	3,024	61,300	2.800
4350	200 NOS	PART	56.7	2,540	63.0	2,822	60,800	2.800
Magpro	150 HDY	BTSP	71.7	2,925	79.8	3,285	61,800	2.800
Magpro	165 SIE	HPBT	70.2	2,828	78.0	3,223	64,800	2.800
Magpro	180 SIE	SPBT	68.3	2,733	76.0	3,028	60,000	2.800

### 300 H&H Magnum

Barrel: 24" ■ Twist: 1-10" ■ Primer: WIN WLRM ■ Bullet Diameter .308"

4350	150 HDY	SST	67.5	2,932	75.0	3,332	62,540	3.555
4350	150 NOS	BT	66.6	2,992	74.0	3,400	63,720	3.600
4350	165 BAR	X	64.8	2,762	72.0	3,139	63,720	3.600
4350	180 SIE	SPT	64.4	2,700	71.5	3,068	63,720	3.600
3100	150 HDY	SST	69.3	2,801	77.0	3,183	63,720	3.555
3100	165 NOS	B-TIP	69.3	2,736	77.0	3,109	63,720	3.520
3100	180 SIE	SP	65.7	2,611	73.0	2,967	63,484	3.600
3100	200 SIE	SBT	62.1	2,468	69.0	2,805	62,894	3.665
3100	220 HDY	RN	63.9	2,413	71.0	2,743	62,894	3.590

### 300 Winchester Magnum

Barrel: 24" ■ Twist: 1-10" ■ Primer: FED 215 ■ Bullet Diameter .308"

4350	110 SIE	HP	71.6	3,116	79.5	3,541	55,600	3.170
4350	125 NOS	B-TIP	70.7	3,047	78.5	3,462	58,200	3.250
4350	130 HDY	SP	69.3	2,973	77.0	3,378	60,000	3.300
4350	150 SIE	SP	65.7	2,767	73.0	3,144	59,400	3.380
4350	168 SIE	HPBT	66.6	2,774	74.0	3,153	60,062	3.475
4350	180 NOS	B-TIP	64.8	2,680	72.0	3,046	60,888	3.450
4350	180 SWF	SP	66.1	2,720	73.5	3,092	62,304	3.315
4350	190 SIE	HPBT	61.6	2,550	68.5	2,898	60,062	3.450
3100	150 BAR	X	72.0	2,903	80.0	3,299	62,186	3.400
3100	168 HDY	A-MAX	72.0	2,816	80.0	3,200	62,068	3.475
3100	180 SIE	HPBT	69.3	2,708	77.0	3,078	60,652	3.450
3100	190 HDY	BTSP	66.6	2,555	74.0	2,904	58,764	3.450
3100	200 SIE	SBT	64.8	2,457	72.0	2,793	56,876	3.340
3100	200 NOS	PART	66.6	2,531	74.0	2,877	59,472	3.340
3100	220 SIE	HPBT	63.4	2,368	70.5	2,691	60,062	3.300
3100	240 SIE	HPBT	62.5	2,302	69.5	2,617	63,838	3.300

### 300 Weatherby Magnum

Barrel: 24" ■ Twist: 1-10" ■ Primer: FED 215 ■ Bullet Diameter .308"

3100	150 BAR	X	76.5	2,911	85.0	3,308	60,400	3.560
3100	165 BAR	X	76.5	2,845	85.0	3,233	63,700	3.555
3100	180 NOS	B-TIP	73.8	2,761	82.0	3,137	64,300	3.560
3100	200 NOS	PART	72.0	2,629	80.0	2,987	63,800	3.555
3100	220 SIE	HPBT	69.3	2,473	77.0	2,810	63,900	3.550

### 300 Remington Ultra Magnum (RUM)

Barrel: 24" ■ Twist: 1-10" ■ Primer: FED 215 ■ Bullet Diameter .308"

3100	150 BAR	X	80.1	2,974	89.0	3,380	58,900	3.600
3100	165 SWF	AF	82.8	2,953	92.0	3,356	61,800	3.550
3100	180 HDY	SPBT	80.1	2,865	89.0	3,256	63,700	3.600
3100	180 NOS	PART	80.1	2,826	89.0	3,212	62,900	3.600
3100	180 BAR	X	77.4	2,750	86.0	3,126	60,600	3.600
3100	200 SWF	AF	75.4	2,655	86.0	3,018	60,600	3.550
3100	220 SIE	RN	74.7	2,535	83.0	2,881	63,800	3.570
Magpro	165 NOS	PART	86.0	3,115	96.5	3,402	63,700	3.550


**RIFLE**
**RIFLE**

Barrel:	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>8x57mm JS Mauser</b>									
Barrel: 24" ■ Twist: 1-10" ■ Primer: WIN WLR ■ Bullet Diameter .323"									
2460	125	HDY	SP	50.0	2,845	55.5	3,233	56,600	2.880
2460	150	SIE	SPT	45.9	2,557	51.0	2,906	53,700	2.940
2460	170	HDY	RN	44.1	2,401	49.0	2,728	55,600	2.855
2520	150	SIE	SBT	47.3	2,600	52.5	2,955	55,800	2.940
2520	170	HDY	RN	45.0	2,439	50.0	2,752	57,500	2.855
2520	220	HDY	SP	40.5	2,069	45.0	2,351	55,600	2.990

Barrel:	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>325 Winchester Short Magnum (WSM)</b>									
Barrel: 24" ■ Twist: 1-10" ■ Primer: WIN WLRM ■ Bullet Diameter .323"									
4064	180	NOS	B-TIP	54.5	2,636	60.5	2,929	62,900	2.800
4064	200	SIE	HPBT	52.0	2,500	58.0	2,720	62,000	2.827
4064	220	SIE	SBT	51.3	2,354	57.0	2,615	63,300	2.800
2700	180	NOS	B-TIP	61.7	2,755	68.5	3,061	63,500	2.800
2700	200	SIE	HPBT	59.4	2,550	66.0	2,800	62,500	2.827
2700	220	SIE	SBT	57.6	2,476	64.0	2,751	60,400	2.800

Barrel:	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>8mm Remington Magnum</b>									
Barrel: 24" ■ Twist: 1-10" ■ Primer: FED 215 ■ Bullet Diameter .323"									
3100	150	HDY	SP	80.1	3,026	89.0	3,439	58,400	3.565
3100	175	SIE	SPT	78.8	2,865	87.5	3,256	60,900	3.565
3100	200	SIE	HPBT	74.7	2,703	83.0	3,072	62,300	3.595

Barrel:	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>338 Federal</b>									
Barrel: 24" ■ Twist: 1-10" ■ Primer: FED 215 ■ Bullet Diameter .338"									
<b>Reduced Loads</b>									
5744	200	HDY	SPBT	24.0	1,675				
<b>Standard Loads</b>									
5744	200	HDY	SPBT	32.6	2,200	36.2	2,426	60,000	2.814
2015	185	BAR	TSX	38.9	2,408	43.2	2,593	58,000	2.783
2015	200	HDY	SP INTK	39.2	2,369	43.5	2,532	59,600	2.814
2015	215	SIE	SPBT	37.0	2,242	41.1	2,399	59,800	2.800
2230	185	BAR	TSX	40.9	2,484	45.5	2,683	59,750	2.783
2230	200	HDY	SP INTK	40.4	2,376	44.8	2,605	60,000	2.814
2230	215	SIE	SPBT	39.0	2,317	43.3	2,503	59,825	2.800
2230	225	NOS	A-BOND	38.3	2,261	42.5	2,427	59,850	2.814

Barrel:	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>338 RCM</b>									
Barrel: 24" ■ Twist: 1-10" ■ Primer: Win WLR ■ Bullet Diameter .338"									
2520	180	NOS	A-BOND	52.9	2,703	58.8	3,003	63,550	2.816
2520	185	BAR	MRX	52.2	2,663	58.0	2,959	63,590	2.847
2520	200	HDY	SP	50.9	2,544	56.5	2,827	64,490	2.816
2520	210	BAR	TSX	49.5	2,438	55.0	2,709	62,880	2.816
2520	225	BAR	MRX	47.7	2,346	53.0	2,607	62,430	2.830
2520	225	HDY	SP	49.1	2,357	54.5	2,619	63,498	2.834

Barrel:	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>338 Winchester Magnum</b>									
Barrel: 24" ■ Twist: 1-10" ■ Primer: FED 215 ■ Bullet Diameter .338"									
2700	200	NOS	B-TIP	67.0	2,724	70.5	2,898	61,200	3.335
2700	225	HDY	SST	62.7	2,541	66.0	2,703	61,900	3.340
2700	250	SIE	SBT	59.9	2,394	63.0	2,547	62,800	3.340
4350	200	HDY	SP	65.7	2,596	73.0	2,950	62,200	3.335
4350	225	HDY	SST	62.1	2,471	69.0	2,809	64,000	3.240
4350	250	SIE	SBT	58.5	2,276	65.0	2,586	60,700	3.340
3100	225	HDY	SP	65.7	2,360	73.0	2,682	55,900	3.340
3100	250	SIE	SBT	63.9	2,294	71.0	2,607	59,100	3.340

Barrel:	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>338 Lapua</b>									
Barrel: 26" ■ Twist: 1-10" ■ Primer: WIN WLRM ■ Bullet Diameter .338"									
Magpro	250	SIE	HPBT	84.0	2,650	93.0	2,925	64,500	2.680
Magpro	300	SIE	HPBT	82.0	2,490	91.0	2,750	64,800	2.680

Barrel:	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>338 Remington Ultra Magnum (RUM)</b>									
Barrel: 24" ■ Twist: 1-10" ■ Primer: FED 215 ■ Bullet Diameter .338"									
3100	200	NOS	B-TIP	84.1	2,814	93.5	3,198	62,300	3.575
3100	215	SIE	SPBT	82.8	2,728	92.0	3,101	63,400	3.575
3100	225	HDY	SST	82.8	2,674	92.0	3,039	63,800	3.575
3100	250	NOS	PART	78.3	2,504	87.0	2,846	63,000	3.575
3100	250	SIE	SPBT	78.7	2,530	87.5	2,875	63,200	3.575

Barrel:	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>35 Whelen</b>									
Barrel: 24" ■ Twist: 1-12" ■ Primer: FED 210 ■ Bullet Diameter .358"									
2460	200	HDY	SP	51.3	2,401	57.0	2,728	49,800	3.140
2460	200	BAR	X	50.4	2,420	56.0	2,750	48,300	3.225
2460	225	BAR	X	46.8	2,261	52.0	2,569	50,400	3.220
2460	225	NOS	PART	48.6	2,292	54.0	2,604	52,200	3.215
2460	250	BAR	X	44.1	2,123	49.0	2,412	52,500	3.220
2460	250	HDY	RN	46.8	2,119	52.0	2,408	47,500	3.250
2495	180	HDY	SP	53.6	2,585	59.5	2,937	51,800	3.035
2495	200	SIE	RN	51.3	2,458	57.0	2,793	50,200	3.140
2495	225	BAR	X	47.7	2,174	53.0	2,470	48,800	3.220
2495	225	NOS	PART	45.9	2,264	51.0	2,573	52,200	3.215
2495	250	HDY	SP	44.1	2,126	49.0	2,416	54,500	3.255
2520	225	SIE	SBT	49.5	2,287	55.0	2,599	51,100	3.280
2520	250	HDY	SP	45.9	2,146	51.0	2,439	53,300	3.255

Barrel:	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>375 Ruger</b>									
Barrel: 24" ■ Twist: 1-10" ■ Primer: WIN WLRM ■ Bullet Diameter .375"									
4064	260	NOS	A-BOND	67.5	2,474	75.0	2,749	60,390	3.339
4064	270	WDL	WLCPP	67.5	2,430	75.0	2,700	61,830	3.307
4064	270	BAR	BD SLD	68.9	2,499	76.5	2,777	61,650	3.307
2700	260	NOS	A-BOND	76.1	2,610	84.6	2,900	62,800	3.339
2700	270	WDL	WLCPP	75.2	2,540	83.5	2,822	62,860	3.307
2700	270	BAR	BD SLD	76.1	2,547	84.5	2,830	62,000	3.307
2700	300	BAR	TSX	71.6	2,354	79.5	2,615	61,727	3.304
2700	300	NOS	PART	72.9	2,388	81.0	2,653	63,180	3.294
2700	300	WDL	WLCPP	68.7	2,361	76.3	2,623	63,000	3.307
2700	300	BAR	BD SLD	72.9	2,437	81.0	2,708	62,020	3.304

Barrel:	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>375 H&amp;H Magnum</b>									
Barrel: 24" ■ Twist: 1-12" ■ Primer: FED 215 ■ Bullet Diameter .375"									
2700	250	SIE	SBT	76.0	2,644	80.0	2,813	59,800	3.585
2700	270	HDY	SP	76.0	2,530	80.0	2,691	55,800	3.570
2700	300	SIE	SBT	71.3	2,397	75.0	2,550	56,600	3.585
2700	350	BAR	RN	63.7	2,123	67.0	2,259	56,600	3.560
4350	250	SIE	SBT	75.6	2,431	84.0	2,763	48,900	3.585
4350	270	HDY	SP	75.6	2,386	84.0	2,711	50,300	3.570
4350	300	SIE	SBT	71.1	2,192	79.0	2,491	50,000	3.545
4350	350	BAR	RN	67.5	2,072	75.0	2,355	54,800	3.560

Barrel:	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>375 Remington Ultra Magnum (RUM)</b>									
Barrel: 24" ■ Twist: 1-12" ■ Primer: WIN WLRM ■ Bullet Diameter .375"									
<b>Reduced Loads</b>									
5744	250	SIE	SPBT	43.2	1,895	48.0	2,105	30,500	3.595
<b>Standard Loads</b>									
2700	250	SIE	SPBT	86.4	2,716	96.0	3,018	61,900	3.595
2700	260	NOS	PART	85.0	2,670	95.0	2,950	64,500	3.565
2700	270	SWF	AF	83.0	2,600	92.5	2,860	63,800	3.550
2700	300	NOS	PART	78.0	2,450	87.0	2,720	64,500	3.550
4350	250	SIE	SPBT	89.1	2,732	99.0	3,036	59,800	3.595
4350	260	NOS	PART	87.0	2,690	96.2	2,970	62,400	3.565
4350	270	SWF	AF	86.0	2,680	95.5	2,880	62,500	3.550
4350	300	NOS	PART	83.3	2,471	92.5	2,746	61,500	3.550

Barrel:	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
<b>416 Remington Magnum</b>									
Barrel: 24" ■ Twist: 1-14" ■ Primer: WIN WLRM ■ Bullet Diameter .416"									
2460	350								




**RIFLE**
**RIFLE**

444 Marlin

Barrel: 24" ■ Twist: 1-38" ■ Primer: WIN WLR ■ Bullet Diameter .429"

*Reduced Loads, Lead Bullets*

Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
5744	200 LC	RNFP	34.2	1,958	38.0	2,225	41,000	2.560
5744	240 LC	SWC	32.4	1,804	36.0	2,051	39,200	2.570
<i>Reduced Loads</i>								
5744	200 HDY	XTP	36.0	2,021	40.0	2,297	42,400	2.520
5744	240 SIE	JHC	33.3	1,820	37.0	2,069	41,900	2.520
5744	265 HDY	FP	31.5	1,692	35.0	1,923	40,500	2.570
<i>Standard Loads</i>								
1680	200 HDY	XTP	54.2	2,566	57.0	2,730	41,300	2.520
2015	200 HDY	XTP	57.0	2,409	60.0	2,563	42,700	2.520
2015	240 SIE	JHC	52.3	2,217	55.0	2,359	43,000	2.520
2015	265 HDY	FP	49.4	2,088	52.0	2,221	41,500	2.570
2230	240 SIE	JHC	54.2	2,181	57.0	2,320	44,000	2.520
2230	265 HDY	XTP	52.3	2,074	55.0	2,206	44,000	2.570
2460	240 SIE	JHC	54.2	2,138	57.0	2,274	42,700	2.520
2460	265 HDY	FP	53.2	2,084	56.0	2,217	43,700	2.570

45-70 Government (Ruger No. 1 and 3 less than 40,000 psi)

Barrel: 24" ■ Twist: 1-20" ■ Primer: WIN WLR ■ Bullet Diameter .458"

*Reduced Loads, Lead Bullets*

Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
5744	300 SIE	HP FN	43.2	1,986	48.0	2,159	38,900	2.550
5744	350 HDY	RN	39.4	1,771	43.8	1,929	38,000	2.550
5744	400 BAR	FNFP	36.9	1,620	41.0	1,787	38,100	2.550
2230	300 HDY	JHP	56.0	2,092	62.2	2,275	38,200	2.550
2230	350 HDY	RN	48.6	1,797	54.0	1,922	39,000	2.550
2230	400 BAR	FN SP	46.8	1,745	52.0	1,865	38,300	2.550
2230	500 HDY	RN	39.6	1,408	44.0	1,552	38,800	2.550
<i>Lead Bullets</i>								
5744	405 LC	FP	36.0	1,667	40.0	1,826	38,400	2.550
5744	420 CP	LFNGC	35.1	1,641	39.0	1,783	38,200	2.550
5744	440 CP	LFNGC	32.9	1,558	36.5	1,705	38,000	2.550
5744	460 CP	WFNGC	32.6	1,523	36.2	1,666	38,200	2.550
5744	500 LC	FP	27.0	1,400	30.0	1,550	38,200	2.550
2230	405 LC	FP	48.2	1,845	53.5	1,978	38,700	2.550
2230	420 CP	LFNGC	46.8	1,791	52.2	1,920	37,400	2.550
2230	440 CP	LFNGC	42.8	1,674	47.5	1,804	38,600	2.550
2230	460 CP	WFNGC	42.8	1,668	47.5	1,782	37,900	2.550

45-70 Government (Springfield Trap Door less than 18,000 psi)

Barrel: 24" ■ Twist: 1-20" ■ Primer: WIN WLR ■ Bullet Diameter .458"

Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
5744	405 LC	FP	24.3	1,226	27.0	1,394	16,100	2.550
5744	420 CP	LFNGC	25.6	1,210	28.5	1,375	16,100	2.600
5744	460 CP	LFNGC	24.3	1,102	27.0	1,253	18,800	2.680
5744	500 MCB	RN	23.4	1,070	26.0	1,217	16,100	2.635
5744	525 MCB	SS	21.6	1,060	24.0	1,205	16,300	2.655
5744	530 LYM	Postell	20.1	1,036	22.4	1,178	18,600	2.950

45-70 Government (Standard Rifles less than 28,000 psi)

Barrel: 24" ■ Twist: 1-20" ■ Primer: WIN WLR ■ Bullet Diameter .458"

Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
5744	300 SIE	HP FN	36.7	1,712	40.8	1,874	27,200	2.550
5744	350 HDY	RN	33.8	1,529	37.5	1,676	27,700	2.550
5744	400 SPR	FN	29.7	1,460	33.0	1,610	27,800	2.540
2015	300 HDY	JHP	51.8	1,836	57.5	2,069	27,300	2.550
2015	350 HDY	RN	47.3	1,703	52.5	1,890	27,800	2.550
2230	300 SIE	HP FN	43.2	1,747	48.0	1,901	27,600	2.550
2230	350 HDY	RN	42.3	1,623	47.0	1,776	28,000	2.550
2230	500 HDY	RN	32.8	1,167	36.4	1,306	27,400	2.550

*Lead Bullets*

Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
5744	405 LC	FP	30.6	1,468	34.0	1,600	27,800	2.550
5744	420 CP	LFNGC	29.3	1,401	32.5	1,538	27,000	2.550
5744	440 CP	LFNGC	28.1	1,362	31.2	1,490	27,600	2.550
5744	460 CP	WFNGC	27.5	1,321	30.5	1,444	27,200	2.550
5744	500 LC	FP	25.2	1,265	28.0	1,400	27,900	2.550
2015	405 LC	FP	44.3	1,666	49.2	1,817	27,400	2.550
2015	420 CP	LFNGC	42.6	1,584	47.3	1,763	27,400	2.550
2015	440 CP	LFNGC	38.6	1,514	43.2	1,652	27,300	2.550
2015	460 CP	WFNGC	38.3	1,482	42.6	1,636	27,100	2.550
2015	500 LC	FP	34.7	1,350	38.5	1,510	27,900	2.550
2230	405 LC	FP	38.6	1,550	43.2	1,694	27,500	2.550
2230	420 CP	LFNGC	38.0	1,523	42.2	1,646	27,400	2.550
2230	440 CP	LFNGC	34.5	1,437	38.3	1,553	28,000	2.550
2230	460 CP	WFNGC	34.4	1,404	38.2	1,511	27,300	2.550
2230	500 LC	FP	33.3	1,320	37.0	1,450	27,500	2.550

458 Winchester Magnum

Barrel: 24" ■ Twist: 1-14" ■ Primer: FED 215 ■ Bullet Diameter .458"

*Reduced Loads*

Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
5744	405 CP	WLNGC	45.9	1,909	51.0	2,170	59,708	3.000
5744	460 CP	WFNGC	44.1	1,779	49.0	2,022	61,360	3.110

*Standard Loads*

Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
2015	300 HDY	HP	68.4	2,293	76.0	2,606	41,890	2.940
2015	350 HDY	RN	67.5	2,250	75.0	2,557	52,628	2.965
2015	400 BAR	SSP	68.4	2,172	76.0	2,468	57,584	3.140
2015	500 HDY	RN	61.2	1,891	68.0	2,149	58,056	3.305
2230	300 HDY	HP	70.2	2,248	78.0	2,554	39,530	2.940
2230	350 HDY	RN	70.2	2,211	78.0	2,512	53,218	2.965
2230	400 BAR	SSP	72.0	2,162	80.0	2,457	53,690	3.140
2230	500 HDY	RN	64.8	1,900	72.0	2,159	53,808	3.305
2460	300 HDY	HP	70.2	2,205	78.0	2,506	36,344	2.940
2460	350 HDY	RN	70.2	2,189	78.0	2,487	49,914	2.965
2460	400 BAR	SSP	72.0	2,158	80.0	2,452	52,746	3.140
2460	500 HDY	RN	66.6	1,929	74.0	2,192	52,864	3.305

458 Lott

Barrel: 24" ■ Twist: 1-10" ■ Primer: WIN WLR ■ Bullet Diameter .458"

Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
2230	500 HDY	RN	74.0	2,077	82.0	2,275	60,000	3.600
2520	500 HDY	RN	77.0	2,100	86.0	2,310	61,000	3.600

550 Magnum

Barrel: 24" ■ Twist: 1-18" ■ Primer: WLRM ■ Bullet Diameter .550"

*Reduced Load, Lead Bullets*

Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
5744	700 CP	RN FP	54.0	1,504			24,740	3.735
<i>Standard Load</i>								
2015	700 BAR	BDD SLD	93.6	1,989	104.0	2,210	62,660	3.735
2495	600 HWK	RN SP	108.0	2,210	120.0	2,455	61,940	3.790
2495	700 AL	SPHJ	107.1	2,061	119.0	2,290	62,310	3.780
2495	700 HWK	RN SP	98.1	1,971	109.0	2,190	64,810	3.720
2495	700 GS	FN SLD	102.6	2,041	114.0	2,268	60,480	3.790
2520	700 HWK	RN SP	101.7	2,005	113.0	2,228	61,410	3.715
4064	800 HWK	RN SP	101.7	1,793	113.0	1,992	61,150	3.835
<i>Standard Load, Lead Bullets</i>								
2015	700 CP	RN FP	86.4	1,872	96.0	2,080	49,440	3.735
2015	600 HWK	RN SP	113.4	2,271	126.0	2,523	60,840	3.790



## MONTANA X-TREME™

Montana X-Treme gun cleaning products reduce the time required to clean firearms and extend barrel life.

Superior gun care products for the sportsman who wants it done right.



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# ACCURATE POWDERS



**SHOTSHELL**

**SHOTSHELL**

## 12 gauge

**Remington STS Hulls**

**Cartridge length: 2.300"**  
**Case length: 2<sup>3</sup>/<sub>4</sub>"**

**Primers: Std. 209**  
**(Win/Rem/Cheddite)**

**Crimp: 8-Fold**  
**Crimp depth: 0.080"**

Weight oz.	Powder	Wads	Light loads				Standard Target: Trap Skeet etc					Extreme target loads/Hunting								
			1050 Fps		1100 Fps		1150 Fps		1200 Fps		1250 Fps		1300 Fps		1350 Fps		1400 Fps		1450 Fps	
			Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi
7/8	N100	CB4100-12					14.9	6100	15.8	6900	16.7	7800	17.6	8600	18.5	9500	19.5	10300	20.4	11100
7/8	N100	CB0178-12					14.8	6700	15.6	7500	16.5	8300	17.4	9100	18.3	10000	19.2	10800		
7/8	N100	WAA 12 L			13.1	6000	14.0	7000	15.1	8200	16.0	9200	17.0	10300	18.0	11400				
7/8	S1000	CB4100-12								19.3	6400	20.2	7100	21.1	7700	22.0	8400	22.9	9000	
7/8	S1000	CB0178-12							18.3	6000	19.2	6700	20.0	7300	20.7	7900	21.5	8500	22.2	9100
7/8	S1000	WAA 12 L							17.9	6400	18.9	7300	19.8	8200	20.8	9100	21.8	10000	22.8	10900
7/8	S1250	CB4100-12								23.6	6000	24.3	6400	25.0	6900	25.7	7300			
7/8	S1250	CB0178-12								24.3	6100	25.1	6500	25.9	6900	26.7	7300			
7/8	S1250	WAA12L								23.1	6500	23.9	7000							
1	N100	CB4100-12	13.7	6100	14.6	7000	15.5	7800	16.4	8700	17.4	9700	18.3	10600	19.3	11500				
1	N100	CB1100-12	13.9	6600	14.7	7500	15.4	8200	16.5	9300	17.4	10200	18.3	11100						
1	N100	CB2100-12	13.3	6800	14.3	7900	15.2	8800	16.3	10000	17.4	11200								
1	N100	REM 12 L	13.0	6700	14.0	7800	14.8	8700	15.8	9800	16.9	11000								
1	N100	WAA 12 SL	12.8	6700	13.8	7900	14.4	8600	15.8	10200										
1	S1000	CB4100-12					17.8	6300	18.9	7400	19.9	8300	20.9	9200	21.9	10100	22.8	11000		
1	S1000	CB1100-12					17.3	6300	18.8	7500	19.9	8400	21.1	9300	22.2	10300	23.3	11200		
1	S1000	CB2100-12			16.8	6000	17.7	7000	18.8	8200	19.8	9300	20.9	10400	21.9	11400				
1	S1000	REM 12 L			16.4	6400	17.0	6900	18.3	8100	19.4	9200	20.4	10100	21.4	11100				
1	S1000	WAA 12 SL			16.1	6200	17.5	7900	18.3	8800	19.4	10100	20.5	11400						
1	S1250	CB4100-12							22.7	6500	23.6	7100	24.5	7800	25.4	8400				
1	S1250	CB1100-12							23.9	6400	24.8	6900	25.8	7400	26.7	8000				
1	S1250	CB2100-12					22.0	6400	23.1	7100	23.9	7600	24.9	8200	25.8	8800				
1	S1250	REM12L					21.5	6100	22.6	6600	23.7	7200	24.8	7800	25.9	8400				
1	S1250	WAA12SL					21.3	6400	22.3	7200	23.2	7900	24.2	8700						
1 1/8	N100	WAA 12	13.0	9300	14.2	10600	14.8	11300												
1 1/8	N100	WT 12	13.2	8600	14.3	9900	15.6	11500												
1 1/8	N100	REM 12 H	13.6	8000	14.7	9200	15.7	10200												
1 1/8	N100	REM FIG 8	13.7	7700	14.8	9000	15.7	10200												
1 1/8	N100	REM RXP 12	13.3	8500	14.5	9700	16.1	11200												
1 1/8	N100	REM TGT 12	13.7	8000	14.8	9200	15.8	10400												
1 1/8	N100	CB4118-12B	13.8	7200	14.9	8400	16.0	9700	17.0	10800										
1 1/8	N100	CB3118-12A	13.5	8200	14.6	9500	15.9	11000												
1 1/8	N100	CB3118-12AR	13.7	7940	14.7	9227	15.7	10514												
1 1/8	N100	CB1118-12	13.5	8600	14.6	9800	15.5	10800												
1 1/8	N100	CB0118-12	13.5	8000	14.7	9300	16.0	10800												
1 1/8	N100	CB2118-12	13.6	8700	14.7	9900	15.8	11100												
1 1/8	S1000	CB4118-12B	16.1	6000	17.2	7200	18.4	8600	19.4	9700	20.5	10900								
1 1/8	S1000	CB3118-12A	15.7	6600	16.9	7900	17.5	8600	19.3	10500										
1 1/8	S1000	CB3118-12AR	15.5	6400	16.7	7800	17.8	9000	19.2	10600										
1 1/8	S1000	CB1118-12	15.6	6800	16.8	8100	17.9	9300	19.2	10800										
1 1/8	S1000	CB0118-12	15.5	6600	16.8	7800	18.1	9100	19.3	10300										
1 1/8	S1000	CB2118-12	15.3	7714	16.4	9112	17.5	10510												
1 1/8	S1000	REM 12 H	15.3	6500	16.5	7900	17.7	9300	19.0	10700										
1 1/8	S1000	REM FIG 8	15.8	6700	17.1	7900	18.2	9000	19.5	10300	20.8	11500								
1 1/8	S1000	REM RXP 12	15.6	6600	16.9	7900	17.8	8900	19.4	10500										
1 1/8	S1000	REM TGT 12	15.8	6600	17.0	7900	18.1	9100	19.3	10400										
1 1/8	S1000	WAA 12	15.3	7000	16.5	8600	17.7	10100												
1 1/8	S1000	WT 12	15.5	6400	16.6	7900	18.1	9600	19.0	10800										
1 1/8	S1250	CB4118-12B			21.9	6100	22.7	6700	23.9	7400	24.9	8100	25.9	8700	26.9	9300				
1 1/8	S1250	CB3118-12A			21.1	6200	22.8	7600	23.3	8000	24.4	9000	25.5	9900	26.7	10800				
1 1/8	S1250	CB3118-12AR			21.3	6400	22.3	7000	23.6	7900	24.6	8600	25.9	8700	26.9	9300				
1 1/8	S1250	CB1118-12			20.0	6400	20.8	7000	22.3	8200	23.5	9300	24.7	10200	25.9	11200				
1 1/8	S1250	CB0118-12			21.4	6500	22.4	6900	23.1	7800	24.3	8600	25.2	9400	26.2	10100				
1 1/8	S1250	CB2118-12			20.2	6700	21.9	8300	22.4	8800	23.5	9800	24.6	10800						
1 1/8	S1250	REM12H			20.2	6000	21.3	7000	22.5	8000	23.6	9000	24.8	10000	26.0	11000				
1 1/8	S1250	REMF8					21.2	6000	22.3	6700	23.3	7400	24.4	8100	25.4	8800				
1 1/8	S1250	REMRXP12					20.9	6800	22.2	8000	23.5	9300	24.8	10500						
1 1/8	S1250	REMTGT12							22.5	6600	23.5	7400	24.4	8100						
1 1/8	S1250	WAA12			20.0	6400	21.1	7500	22.2	8700	23.4	9900	24.5	11100						
1 1/8	S1250	WT12			20.2	6100	21.3	7200	22.4	8300	23.5	9500	24.6	10600						

# ACCURATE POWDERS



**SHOTSHELL**

**SHOTSHELL**

## 12 gauge

**WAA-HS 2 Piece**  
(can also use loads in old 1 piece hull)

**Cartridge length: 2.300"**  
**Case length: 2<sup>3</sup>/<sub>4</sub>"**

**Primers: Std. 209**  
**(Win/Rem/Cheddite)**

**Crimp: 8-Fold**  
**Crimp depth: 0.080"**

Weight oz.	Powder	Wads	Light loads		Standard Target: Trap Skeet etc						Extreme target loads/Hunting									
			1050 Fps		1100 Fps		1150 Fps		1200 Fps		1250 Fps		1300 Fps		1350 Fps		1400 Fps		1450 Fps	
			Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi
7/8	N 100	CB4100-12					14.5	6388	15.5	7241	16.4	8095	17.4	8948	18.4	9801	19.3	10655	20.3	11500
7/8	N 100	CB0178-12			13.4	5473	14.3	6510	15.2	7548	16.1	8585	17.0	9623	17.9	10660				
7/8	N 100	WAA 12 L			13.1	5774	14.1	6877	15.0	7979	16.0	9082	16.9	10184	17.8	11286				
7/8	S1000	CB4100-12							18.5	5903	19.5	6463	20.5	7023	21.5	7582	22.5	8142	23.4	8702
7/8	S1000	CB0178-12							17.9	6114	18.8	6889	19.8	7664	20.7	8439	21.7	9214	22.6	9989
7/8	S1000	WAA 12 L					16.7	5641	17.6	6571	18.6	7501	19.5	8431	20.4	9361	21.4	10290	22.3	11220
7/8	S1250	CB4100-12							23.0	5683	23.8	6090	24.7	6497	25.5	6904	26.4	7311		
7/8	S1250	CB0178-12							22.2	5733	23.0	6206	23.9	6679	24.7	7152	25.6	7625		
7/8	S1250	WAA 12 L							21.7	5757	22.6	6458	23.5	7159	24.4	7861				
1	N100	CB4100-12	13.4	6353	14.4	7340	15.3	8327	16.3	9315	17.3	10302	18.2	11289						
1	N100	CB1100-12	12.7	6086	13.7	7216	14.8	8346	15.9	9476	16.9	10606								
1	N100	CB2100-12	13.2	6368	14.2	7668	15.1	8968	16.0	10268	16.9	11500								
1	S1000	CB4100-12			16.8	5745	17.9	6697	18.9	7648	20.0	8600	21.1	9551	22.2	10503	23.3	11455		
1	S1000	CB1100-12			16.5	6069	17.5	7047	18.4	8025	19.4	9003	20.4	9981	21.3	10959				
1	S1000	CB2100-12			16.5	6212	17.5	7354	18.4	8495	19.3	9636	20.2	10777						
1	S1000	REM 12 L	14.9	4987	16.0	6113	17.0	7239	18.1	8365	19.1	9491	20.2	10617	21.3	11743				
1	S1000	WAA 12 SL	14.7	5143	15.8	6279	16.9	7414	18.0	8549	19.1	9684	20.2	10819	21.3	11954				
1	S1250	CB4100-12			20.3	5679	21.2	6178	22.1	6678	23.0	7177	23.9	7677	24.8	8176	25.7	8675		
1	S1250	CB1100-12					21.2	5595	22.2	6426	23.1	7256	24.1	8086	25.1	8917	26.1	9747		
1	S1250	CB2100-12					21.1	5915	22.1	6797	23.0	7679	24.0	8561	25.0	9444	25.9	10326		
1	S1250	REM 12 L					21.0	5900	22.1	6601	23.2	7301	24.3	8002	25.3	8702				
1	S1250	WAA 12 SL					20.5	6106	21.6	6958	22.8	7814	23.9	8669						
1 1/8	N100	WAA 12	13.1	9904	14.3	10792	15.4	11679												
1 1/8	N100	WT 12	13.4	9862	14.5	10721	15.5	11580												
1 1/8	N100	REM 12 H	13.8	8257	14.8	9488	15.8	10719	16.8	11950										
1 1/8	N100	REM FIG 8	13.6	7940	14.7	9253	15.7	10567	16.8	11881										
1 1/8	N100	REM RXP 12	13.2	9471	14.4	10456	15.5	11442												
1 1/8	N100	REM TGT 12	13.4	8164	14.5	9394	15.6	10624	16.7	11854										
1 1/8	N100	CB4118-12B	13.7	7452	14.8	8783	15.8	10114	16.9	11446										
1 1/8	N100	CB3118-12A	13.5	8277	14.6	9530	15.7	10782												
1 1/8	N100	CB3118-12AR	13.8	8075	14.8	9330	15.8	10585	16.8	11840										
1 1/8	N100	CB1118-12	13.6	8603	14.5	9745	15.6	10886												
1 1/8	N100	CB0118-12	13.5	8464	14.6	9646	15.6	10828												
1 1/8	N100	CB2118-12	13.6	8612	14.7	9772	15.7	10932												
1 1/8	S1000	REM 12 H	15.2	6641	16.4	8060	17.6	9480	18.8	10899										
1 1/8	S1000	REM FIG 8	15.6	6423	16.7	7820	17.8	9217	18.9	10614										
1 1/8	S1000	REM RXP 12	14.7	6240	16.0	7909	17.3	9578	18.6	11247										
1 1/8	S1000	REM TGT 12	14.9	5538	16.2	7214	17.5	8891	18.8	10567										
1 1/8	S1000	WAA 12	15.5	7546	16.8	8844	17.8	10141	18.9	11439										
1 1/8	S1000	WT 12	15.2	6698	16.4	8292	17.6	9886	18.8	11481										
1 1/8	S1000	CB4118-12B	16.0	6252	17.1	7448	18.2	8643	19.3	9839	20.4	11035								
1 1/8	S1000	CB3118-12A	15.2	5837	16.5	7482	17.8	9128	19.0	10773										
1 1/8	S1000	CB3118-12AR	15.8	6440	16.9	7899	18.0	9358	19.0	10817										
1 1/8	S1000	CB1118-12	15.6	7175	16.6	8427	17.7	9679	18.8	10930										
1 1/8	S1000	CB0118-12	15.4	6383	16.5	7906	17.7	9430	18.8	10953										
1 1/8	S1000	CB2118-12	15.3	6516	16.5	8081	17.7	9647	18.8	11212										
1 1/8	S1250	REM 12 H					21.0	6831	22.3	8078	23.5	9325	24.8	10572						
1 1/8	S1250	REM FIG 8					21.0	6801	22.2	7933	23.4	9065	24.6	10198						
1 1/8	S1250	REM RXP 12			19.1	5937	20.3	7253	21.5	8568	22.7	9884	23.8	11189						
1 1/8	S1250	REM TGT 12	19.2	6042	20.0	6647	20.9	7241	21.8	7840	22.6	8439	23.5	9038						
1 1/8	S1250	WAA 12			19.5	5656	20.6	7163	21.8	8679	22.9	10191	24.0	11702						
1 1/8	S1250	WT 12			19.2	5616	20.3	7000	21.5	8384	22.7	9768	23.9	11153						
1 1/8	S1250	CB4118-12B			20.5	5799	21.6	6808	22.7	7816	23.8	8824	24.8	9832	25.9	10840				
1 1/8	S1250	CB3118-12A			19.9	6304	21.1	7253	22.3	8202	23.5	9151	24.7	10099	25.9	11048				
1 1/8	S1250	CB3118-12AR			19.9	5673	21.0	6892	22.1	8112	23.2	9332	24.3	10551						
1 1/8	S1250	CB1118-12					20.3	7241	21.5	8283	22.8	9326	24.0	10369	25.2	11411				
1 1/8	S1250	CB0118-12					20.4	6850	21.6	8129	22.7	9408	23.9	10687						
1 1/8	S1250	CB2118-12			19.2	5783	20.5	7117	21.7	8451	23.0	9785	24.3	11119						

**SHOTSHELL**
**SHOTSHELL**

Hornady 366/APEX Presses				
Desired Grains	Solo 1000 Bushing	Solo 1250 Bushing	No 2 Bushing	Nitro 100 Bushing
13.0		354		
13.5		360		366
14.0	387	369		372
14.5	393	378		375
15.0	399	384		381
15.5	408	390		387
16.0	411	396		393
16.5	417	402	351	399
17.0	420	408	357	405
17.5	429	414	363	411
18.0	432	420	366	417
18.5	435	426	372	423
19.0	438	429	378	429
19.5	441	435	384	435
20.0	447	441	387	441
20.5	453	447	393	447
21.0	459	453	396	453
21.5	468	456	402	456
22.0	474	459	408	457
22.5	480	465	411	465
23.0		471	417	
23.5		477	420	
24.0		480		
24.5		486		
25.0		492		
25.5		495		
26.0		501		
26.5		502		
27.0		510		
27.5		513		
28.0		516		
28.5		522		
29.0		525		

Ponsness Warren Presses				
Letter	Solo 1000 grains	Solo 1250 grains	No 2 grains	Nitro 100 grains
D1		12.0		11.2
E		13.7	17.0	12.5
E 1		14.0	18.4	13.1
E 2		14.5	19.0	13.8
F	14.3	15.5	20.2	14.6
F1	14.5	15.7	20.5	14.8
G	15.9	17.5	22.7	16.4
G1	16.4	17.7	23.0	16.7
H	17.5	19.0	24.5	17.5
I	18.5	19.5		18.1
J	19.7	20.3		18.8
J1	20.4	20.8		19.6
K	20.7	21.4		20.1
L	21.4	22.5		21.2
M	22.1	23.5		21.3
N	23.5	25.0		23.6
O	24.0	25.5		24.2
P	24.6	26.0		24.9
Q		26.3		25.2
R		28.0		
S		28.3		

Bushing Number	MEC Single Stage Presses				MEC Progressive Presses			
	Solo 1000 grains	Solo 1250 grains	No 2 grains	Nitro 100 grains	Solo 1000 grains	Solo 1250 grains	No 2 grains	Nitro 100 grains
20		13.9	17.0			13.5	17.0	
21		14.2	18.0			13.9	18.0	
22		14.7	18.7			14.4	18.7	
23		15.0	19.4			14.8	19.4	
24		15.6	20.2			15.5	20.2	
25		16.1	20.5	15.5	14.2	16.0	20.5	15.2
26	16.0	17.0	21.6	16.3	14.5	16.8	21.6	16.0
27	16.3	17.9	22.6	17.0	15.5	17.5	22.6	16.7
28	17.3	18.4	23.5	17.5	16.2	18.0	23.5	17.1
29	18.0	19.4		18.3	17.0	18.9		18.0
30	18.8	19.9		19.1	17.4	19.6		18.7
31	19.2	20.5		19.7	19.0	20.1		19.4
32	20.8	21.2		20.3	19.6	21.0		20.0
33	21.4	22.3		20.8	20.2	22.0		20.2
34	22.0	23.1		21.5	21.0	22.6		21.1
35	22.8	23.7		22.3	21.5	23.2		21.9
36	23.3	24.6		23.0	22.0	24.3		22.6
37	23.8	25.2		23.9	22.7	25.0		23.4
38	24.5	26.4			23.5	26.0		
38A	25.3	26.7			24.5	26.5		
39	26.3	28.3				28.0		
39A		29.1				28.9		

Wad Equivalents	
Claybuster WAD	Equivalent WAD
CB-0178-12	WAA 12L
CB-4100-12B	Lightning
CB-1100-12	WAA 12SL
CB-2100-12	Fed 12S0
CB-0118-12	WAA WT12
CB-1118-12	WAA 12
CB-2118-12	Fed 12S3
CB-3118-12AR	Fed 12 C1
CB-3118-12A	Rem Fig 8
CB-4118-12B	Windjammer



# Get Accurate.