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6.5 CREEDMOOR

GLOSSARY OF TERMS

COMPANY ABBREVIATIONS

AK	Alaska Bullet Company
ALEX	Alexander Industries Inc.
BADMAN	Badman Bullets
BARNES	Barnes Bullets, LLC.
BME	Belt Mountain Enterprises
BERGER	Berger Bullets
BERRY	Berry's Manufacturing Inc.
CP	Cast Performance Bullet Company
FED	Federal Cartridge Company
FNH	Fabrique Nationale, Herstal
GSCB	GS Custom Bullets
HAWK	Hawk Inc.
HDY	Hornady Manufacturing Company
IMI	Israel Military Industry Ltd.
LAPUA	Nammo Lapua Oy
LC	Laser Cast, Oregon Trail Bullet Company
LHG	Lehigh Defense, LLC
LYMAN	Lyman Products Corp.
MCB	Montana Cast Bullets
MIL	Military
MSS	Mid-South Shooter's Supply
MTB	Mount Baldy Bullet Company
NORMA	Norma Precision AB
NOSLER	Nosler Inc.
PENN	Penn Bullets
RAIN	Rainier Ballistics LLC
REM	Remington Arms Company LLC
SF	SinterFire Inc.
SIERRA	Sierra Bullets
SPEER	Speer Bullets
STAR	Starline Brass Inc.
SWIFT	Swift Bullet Company
TS	True Shot, Oregon Trail Bullet Company
WBY	Weatherby Inc.
WIN	Winchester
WDL	Woodleigh Bullets

PRIMER ABBREVIATIONS

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

OTHER ABBREVIATIONS

CIP	Commission Internationale Permanente
CUP	Copper Units of Pressure
SAAMI	Sporting Arms and Manufacturer's Institute

BULLET ABBREVIATIONS

A-BOND	Accubond
A-MAX	A-Max Match Bullet (Hornady)
AF	A Frame
B-L	Blood Line
B-TIP	Ballistic Tip (Nosler)
BAND-S	Banded Solid
BB	Bevel Base
BK	BlitzKing
B-PIN	Bowling Pin
BST	Ballistic Silver Tip, Combined Technology
BSTR	Buster (Barnes)
BT-FMJ	Boat Tail - Full Metal Jacket with Cannelure
BT-MB	Boat Tail - Match Burner
BTHP	Boat Tail Hollow Point
BTHP-M	Boat Tail Hollow Point - Match
BTLF	Ballistic Tip Lead-Free
BTSP	Boat Tail Spire Point
BTT	Boat Tail Target
BTTLR	Boat Tail Target Long Range
BTV	Boat Tail Varmint
CT	Combined Technologies, Olin/Nosler
DBB	Double Beveled Base
E-TIP	Polymer Tip, Lead-Free
FB	Flat Base
FBT	Flat Base Target
FBV	Flat Base Varmint
FMJ	Full Metal Jacket
FMJ-BT	Full Metal Jacket Boat Tail
FMJ-CT	Full Metal Jacket - Combat/Target
FN	Flat Nose
FN-O	Flat Nose Original (Barnes)
FNSP	Flat Nose Spire Point
FP	Flat Point
FPJ	Full Profile Jacket
FS	Fail Safe, Combined Technology
FTX	Flexible Tip Technology
GC	Gas Check
GDHP	Gold Dot Hollow Point
GK	GameKing
GS	Golden Saber
GSLAM	Grand Slam
HB	Hollow Base
HORNET	Bullet intended for .22 Hornet velocities
HP	Hollow Point
HP "Bee"	Hollow Point for Tube Fed Rifles
HPBT	Hollow Point Boat Tail
HPBT-CC	Hollow Point Boat Tail Custom Competition
JHC	Jacketed Hollow Cavity
JHP	Jacketed Hollow Point
JSP	Jacketed Soft Point
KSPB	Keith-Style Piston Bullet
(L)	Lead
LFNGC	Long Flat Nose Gas Check
LFNPB	Long Flat Nose Plain Base
LRX	Long Range X Bullet
M 855	US Military Enhanced Penitrator
M-HYB	Match Hybrid
M-TSP	Mag-Tip Soft Point
MIL	Typical Military Ball
MK	Match King
MMF	Match Mag Feed
MPG	Multi-Purpose Green
MRX	Maximum Range X Bullet
NTP	Narrow Taper Point
(P)	Plated Bullet
PART	Partition
PH	Pro-Hunter
PLINKR	Plinker Lead-Tipped Short-Jacket
PSP CL	Pointed Soft Point Core Lock
PUNCH	Punch Bullet, BME
RHFP	Reduced Hazard Flat Point
RN	Round Nose
RNDS	Round Nose Double Strike
RNFP	Round Nose Flat Point
RNSWC	Round Nose Semi Wadcutter
RS	Radiused Shoulder
SBT	Spitzer Boat Tail (Sierra)
SBTSP	Spitzer Boat Tail Spire Point (Speer)
S-SPTZ	Semi-Spitzer
SCENAR	Match Boat Tail (Lapua)
SCIR	Scirocco
SLD	Solid
SMP	Semi Point
SP	Spire Point or Soft Point
SPHJ	Soft Point Heavy Jacket
SPSX	Spire Point Super Explosive
SPT	Spitzer (Sierra)
SPT-V	Spitzer Varmint
SPZSP	Spitzer Soft Point (Speer)
SSP	Single Shot Pistol
SSSP	Semi-Spitzer Soft Point
SST	Super Shock Tipped
SWC	Semi Wadcutter
SWCBB	Semi Wadcutter Beveled Base
TAC-TX	Tactical Tipped X-Bullet M/LE
TAC-XP	Tactical X-Bullet M/LE
TC	Truncated Cone
TCBB	Truncated Cone Beveled Base
T-HEAD	Thunder Head
THOTM	Tactical Hybrid Open Tip Match
TMJ-FN	Total Metal Jacket - Flat Nose
TNT-HP	Varmint Hollow Point (Speer)
TRN	Total Copper Jacket Round Nose
TSX	Triple Shock X-Bullet
TSX-BT	Triple Shock Boat Tail
TSX-FB	Triple Shock Flat Base
TTSX	Tipped Triple Shock X-Bullet
V-MAX	V-Max Varmint Bullet (Hornady)
VAR	Varmint Bullet (Berger)
VARM	Varminator
VARMG	Varmageddon
VG	Varmint Grenade
VLC	Varmint bullet with Dry Lubricant Coating
VLD	Very Low Drag
VNX	Varmint Nightmare X-treme
WBFPGC	Wide Base Flat Point Gas Check
WC	Wadcutter
WCDBB	Wadcutter Double Base Beveled
WCSGG	Wadcutter Single Grease Groove
WFNGC	Wide Flat Nose Gas Check
WFNPB	Wide Flat Nose Plain Base
WFPGC	Wide Flat Point Gas Check
WLCPP	Weldcore Protected Point
WLNGC	Wide Long Nose Gas Check
WNFPGC	Wide Nose Flat Point Gas Check
WNGC	Wide Nose Gas Check
WTP	Wide Taper Point
X	X Bullet
XBT	X Boat Tail Bullet
XFB	X Flat Base Bullet
XPB	X Pistol Bullet
XTP	Extreme Terminal Performance

SHOOTER'S LOG

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Fast drying, non-oily
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Hornady Mfg. Co., Box 1848, Grand Island, NE 68802-1848

6.5 CREEDMOOR - HORNADY BULLETS

95-100 GRAIN BULLETS

SECTIONAL DENSITY: 0.195-0.205
DIAMETER: 0.264"

95 gr. V-MAX™
B.C.: 0.365 C.O.L.: 2.710"
Item No. 22601

100 gr. A-MAX®
B.C.: 0.390 C.O.L.: 2.710"
Item No. 26101

100 gr. SP
B.C.: 0.358 C.O.L.: 2.700"
Item No. 2610

VELOCITY (FPS - feet per second)

POWDER	2900	2950	3000	3050	3100	3150	3200
IMR 8208 XBR	36.8 gr.	37.5 gr.	38.2 gr.	38.8 gr.	39.5 gr.		
H4895	36.4 gr.	37.2 gr.	38.0 gr.	38.8 gr.	39.6 gr.	40.5 gr.	
IMR 4895	37.0 gr.	37.7 gr.	38.4 gr.	39.2 gr.	39.9 gr.	40.6 gr.	
TAC	38.2 gr.	38.7 gr.	39.1 gr.	39.5 gr.	40.0 gr.		
VARGET	37.2 gr.	38.0 gr.	38.7 gr.	39.5 gr.	40.3 gr.	41.1 gr.	
NORMA 203 B	36.7 gr.	37.6 gr.	38.6 gr.	39.6 gr.	40.5 gr.	41.5 gr.	42.5 gr.
Alliant RL-15	37.2 gr.	38.1 gr.	39.0 gr.	39.9 gr.	40.8 gr.	41.7 gr.	
WIN 748	37.3 gr.	38.2 gr.	39.2 gr.	40.2 gr.	41.1 gr.	42.1 gr.	
IMR 4320	38.2 gr.	38.9 gr.	39.7 gr.	40.4 gr.	41.2 gr.	41.9 gr.	
Accurate 2520	38.2 gr.	39.0 gr.	39.7 gr.	40.5 gr.	41.3 gr.	42.1 gr.	
BL-C(2)	37.9 gr.	38.9 gr.	39.9 gr.	40.9 gr.	41.9 gr.	42.9 gr.	
IMR 4007 SSC	43.1 gr.	43.8 gr.	44.5 gr.	45.2 gr.	45.9 gr.	46.6 gr.	

Hornady ballistics tables are available at hornady.com/ballistics

120-123 GRAIN BULLETS

SECTIONAL DENSITY: 0.246-0.252
DIAMETER: 0.264"

120 gr. A-MAX®
B.C.: 0.465 C.O.L.: 2.710"
Item No. 26172

120 gr. GMX®
B.C.: 0.450 C.O.L.: 2.710"
Item No. 26110

123 gr. A-MAX®
B.C.: 0.510 C.O.L.: 2.710"
Item No. 26171

VELOCITY (FPS - feet per second)

POWDER	2700	2750	2800	2850	2900	2950	3000
VARGET	36.0 gr.	36.8 gr.	37.6 gr.	38.4 gr.	39.2 gr.		
Alliant RL-15	36.1 gr.	36.9 gr.	37.8 gr.	38.6 gr.	39.5 gr.		
NORMA 203 B	36.3 gr.	37.2 gr.	38.0 gr.	38.9 gr.	39.7 gr.		
WIN 748	37.0 gr.	37.9 gr.	38.7 gr.	39.6 gr.			
BIG GAME	39.6 gr.	40.4 gr.	41.2 gr.	42.0 gr.	42.8 gr.		
NORMA URP	40.2 gr.	41.0 gr.	41.8 gr.	42.5 gr.	43.3 gr.	44.1 gr.	
Accurate 4350	40.4 gr.	41.1 gr.	41.9 gr.	42.6 gr.	43.3 gr.		
Alliant RL-17	40.7 gr.	41.5 gr.	42.2 gr.	42.9 gr.	43.6 gr.	44.3 gr.	
IMR 4350	40.7 gr.	41.5 gr.	42.3 gr.	43.0 gr.	43.8 gr.	44.6 gr.	
H4350	40.7 gr.	41.5 gr.	42.3 gr.	43.1 gr.	43.9 gr.		
SUPERFORMANCE	44.2 gr.	44.9 gr.	45.6 gr.	46.4 gr.	47.1 gr.	47.8 gr.	48.5 gr.

Hornady ballistics tables are available at hornady.com/ballistics

INDICATES MAXIMUM LOAD-USE WITH CAUTION

6.5 CREEDMOOR - HORNADY BULLETS

140 GRAIN BULLETS

SECTIONAL DENSITY: 0.287
DIAMETER: 0.264"

140 gr. BTHP Match™
B.C.: 0.580 C.O.L.: 2.800"
Item No. 26335

140 gr. A-MAX®
B.C.: 0.585 C.O.L.: 2.800"
Item No. 26332

140 gr. SST®
B.C.: 0.520 C.O.L.: 2.690"
Item No. 26302

140 gr. InterLock® SP
B.C.: 0.465 C.O.L.: 2.680"
Item No. 2630

VELOCITY (FPS - feet per second)						
POWDER	**2500**	**2550**	**2600**	**2650**	**2700**	**2725**
VARGET	34.1 gr.	34.9 gr.	35.8 gr.			
NORMA 203 B	34.9 gr.	35.8 gr.	36.7 gr.	37.6 gr.		
Alliant RL-15	35.1 gr.	36.0 gr.	36.8 gr.			
WIN 748	35.6 gr.	36.5 gr.	37.3 gr.			
BIG GAME	37.3 gr.	38.3 gr.	39.2 gr.	40.2 gr.		
NORMA URP	37.5 gr.	38.4 gr.	39.3 gr.	40.3 gr.	41.2 gr.	41.7 gr.
Accurate 4350	37.9 gr.	38.7 gr.	39.5 gr.	40.4 gr.	41.2 gr.	
H4350	38.1 gr.	39.0 gr.	40.0 gr.	40.9 gr.		
IMR 4350	38.2 gr.	39.1 gr.	40.0 gr.	40.7 gr.	41.5 gr.	
Alliant RL-17	38.5 gr.	39.2 gr.	40.0 gr.	40.7 gr.	41.5 gr.	42.0 gr.
Hybrid 100V	38.8 gr.	39.7 gr.	40.6 gr.	41.4 gr.	42.3 gr.	42.8 gr.
WIN 760	39.3 gr.	40.1 gr.	41.0 gr.	41.9 gr.	42.8 gr.	43.2 gr.
SUPERFORMANCE	40.9 gr.	41.8 gr.	42.7 gr.	43.7 gr.	44.7 gr.	

Hornady ballistics tables are available at hornady.com/ballistics

INDICATES MAXIMUM LOAD-USE WITH CAUTION


We not only
invented
the premium bullet...
We perfected it
10 times over:
Partition®
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Ballistic Tip® Varmint
Sporting Handgun™
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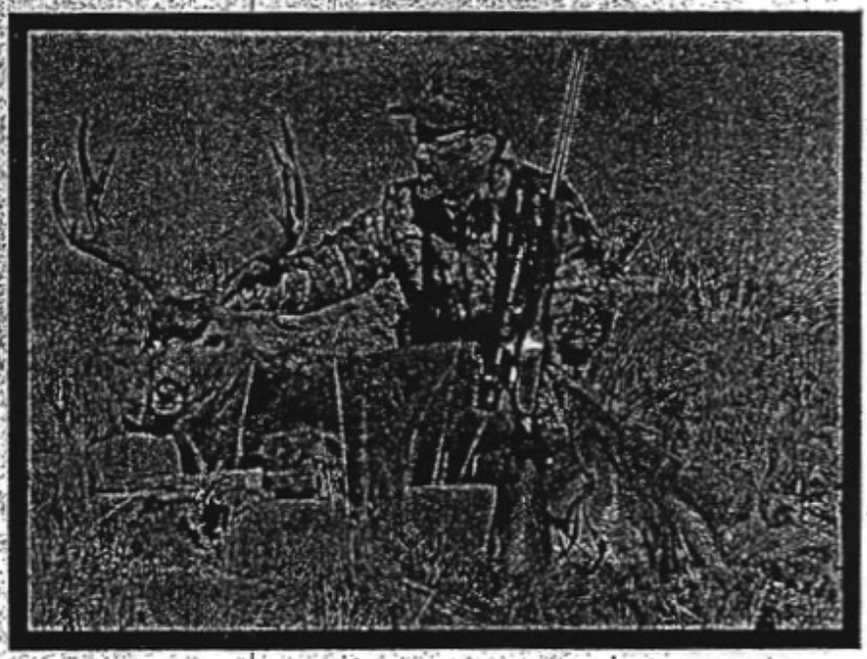
J. Scott Rupp

6.5 CREEDMOOR

A few years ago I had the privilege of being one of the first to see and shoot the 6.5 Creedmoor, which was developed by Joe Thielen and Dave Emary at Hornady. It was originally designed as a round for across-the-course NRA Highpower competition and NRA Long Range competition. I was impressed by how accurate it was and how flat it shot—and how little recoil it generated. My first thought was, "This would make a great hunting round."

A year or so later, Hornady added two hunting loads to the 6.5 Creedmoor lineup, and Ruger began chambering rifles (as have Thompson/Center and Savage since then). About that same time, I got an invite to go on a mule deer hunt, and it took me all of two seconds to order a Ruger No. 1 in the new chambering. On that hunt I killed a buck at a ranged 400 yards, the bullet passing completely through the deer's chest. He dropped in his tracks. When I got home, I sent Ruger a check for the rifle.



Why am I so smitten by it? Whereas the 260 Remington is a necked-down 308 Winchester, the 6.5 Creedmoor is based on the 30 TC—a shorter, more efficient case. And, while the .260 can typically get 100 fps more velocity than the Creedmoor due to its larger case capacity, at comparable velocities the 6.5 gets the job done with less powder, so it's more economical to load and the lighter powder charge translates to less recoil.

Most hunters are already aware of the 6.5mm (.264 inch) bullet's advantages, chief among them are excellent ballistic coefficients and, especially, superior sectional densities. A 130-grain 6.5 has an SD of .266, which bests such popular hunting bullets as the 130-grain .270 (.261), 140-grain 7mm (.248) and 150-grain .308 (.226). Couple that with a high BC (a 130-grain AccuBond in 6.5 has a BC of .488) and you've got a bullet that will drift less in the wind and lose less velocity downrange—and will get the job done when it strikes its target.

All this performance can be housed in a short-action rifle, and the two Rugers and one Savage I've shot it in have proven to be accurate. In short, I think the 6.5 Creedmoor is the best medium-power, all-around big game cartridge to come down the pike in quite a while. It will do anything that justifiably more popular cartridges can do, just with less recoil than most of them. That's a winner in my book.

Scott Rupp

J. Scott Rupp is editor in chief of Rifle-Shooter and Handguns magazines.

6.5 CREEDMOOR - NOSLER BULLETS

6.5 Creedmoor - 100 grain		MAXIMUM S.A.A.M.I. O.A.C.L.	2.825"
		TESTED O.A.C.L. / B.C. / S.D.	
Ballistic Tip®	100gr. Spitzer	2.775" / 0.350 / 0.205	
Partition®	100gr. Spitzer	2.740" / 0.326 / 0.205	

CASE TYPE:	Hornady	PRIMER TYPE	Fed 210
CASE HOLDS:	50.9 Gr. WATER	BARREL Length/Make	24" Pac-Nor
		BARREL Twist	1-8"

POWDER TYPE	POWDER CHG. GRS.		MUZZLE VEL. F.P.S.	LOAD DENSITY (VOLUME)
IMR 8208 XBR	39.5	MAX.	3129	85%
	37.5		3090	81%
	35.5	•	2935	77%
Varget	42.0	MAX.	3160	89%
	40.0	•	3057	85%
	38.0		2924	81%
RL15 Most Accurate Powder Tested	42.0	MAX.	3195	86%
	40.0		3078	82%
	38.0	•	2984	78%
A-2520	42.0	MAX.	3206	85%
	40.0	•	3087	81%
	38.0		2984	77%
TAC	40.0	MAX.	3212	80%
	38.0		3042	76%
	36.0	•	2934	72%
W748	43.0	MAX.	3231	88%
	41.0	•	3108	84%
	39.0		2992	80%
Big Game	47.0	MAX.	3256	97%
	45.0	•	3161	93%
	43.0		2978	89%
IMR 4007 SSC	46.5	MAX.	3272	98%
	44.5		3149	94%
	42.5	•	3042	89%

BC=Ballistic Coefficient SD=Sectional Density
*Most Accurate Load Tested **Compressed Load

Use Maximum Loads with Caution

6.5 CREEDMOOR - NOSLER BULLETS

6.5 Creedmoor - 123/125 grain		MAXIMUM S.A.A.M.I. O.A.C.L.	2.825"
		TESTED O.A.C.L. / B.C.	S.D.
Custom Competition™	123gr. HPBT	2.775" / 0.510	0.252
Partition®	125gr. Spitzer	2.790" / 0.449	0.256

CASE TYPE:	Hornady		PRIMER TYPE	Fed 210
CASE HOLDS:	49.5	Gr. WATER	BARREL Length/Make	24" Pac-Nor
			BARREL Twist	1-8"

POWDER TYPE	POWDER CHG. GRS.		MUZZLE VEL. F.P.S.	LOAD DENSITY (VOLUME)
Varget	39.0	MAX.	2855	85%
	37.0		2763	81%
	35.0	*	2644	76%
IMR 4895	39.0	MAX.	2893	87%
	37.0	*	2781	82%
	35.0		2668	78%
IMR 4007 SSC	43.0	MAX.	2901	93%
Most Accurate	41.0	*	2803	89%
Powder Tested	39.0		2705	84%
Big Game	43.5	* MAX.	2907	93%
	41.5		2790	88%
	39.5		2685	84%
W760	44.0	MAX.	2927	93%
	42.0		2821	89%
	40.0	*	2703	85%
RL15	40.5	MAX.	2937	85%
	38.5		2828	81%
	36.5	*	2711	77%
H4350	44.5	MAX.	2985	95%
	42.5	*	2877	91%
	40.5		2772	87%
RL17	44.5	MAX.	3001	93%
	42.5	*	2881	89%
	40.5		2759	85%

BC=Ballistic Coefficient SD=Sectional Density
*Most Accurate Load Tested **Compressed Load

Use Maximum Loads with Caution

6.5 CREEDMOOR - NOSLER BULLETS

6.5 Creedmoor - 140 grain		MAXIMUM S.A.A.M.I. O.A.C.L. / TESTED O.A.C.L.	B.C.	2.825" S.D.
AccuBond®	140gr. Spitzer	2.805"	0.509	0.287
Ballistic Tip®	140gr. Spitzer	2.805"	0.509	0.287
Custom Competition™	140gr. HPBT	2.775"	0.529	0.287
Partition®	140gr. Spitzer	2.790"	0.490	0.287

CASE TYPE:	Hornady	PRIMER TYPE	Fed 210
CASE HOLDS:	46.8 Gr. WATER	BARREL Length/Make	24" Pac-Nor
		BARREL Twist	1-8"

POWDER TYPE	POWDER CHG. GRS.		MUZZLE VEL. F.P.S.	LOAD DENSITY (VOLUME)
IMR 8208 XBR	33.5	MAX.	2510	79%
Most Accurate	31.5	*	2392	74%
Powder Tested	29.5		2268	69%
IMR 4895	36.0	* MAX.	2620	85%
	34.0		2492	80%
	32.0		2384	75%
RL15	36.5	* MAX.	2635	81%
	34.5		2502	77%
	32.5		2369	72%
Hybrid 100V	40.0	* MAX.	2658	88%
	38.0		2547	84%
	36.0		2435	79%
IMR 4007 SSC	40.0	MAX.	2668	92%
	38.0		2556	87%
	36.0	*	2426	82%
W760	40.5	MAX.	2672	91%
	38.5	*	2543	86%
	36.5		2436	82%
H4350	41.0	MAX.	2699	93%
	39.0		2571	88%
	37.0	*	2485	84%
Hunter	44.0	MAX.	2730	99%
	42.0		2603	94%
	40.0	*	2479	90%

BC=Ballistic Coefficient SD=Sectional Density
*Most Accurate Load Tested **Compressed Load

Use Maximum Loads with Caution

6.5 Creedmoor

#1700 .264" 85 gr. HP
C.O.A.L. 2.670"

Powder↓ / Velocity →	2900	3000	3100	3200	3300	3400	3500
IMR 8208 XBR	36.6	37.7	38.9	40.1	41.2	42.4	
TAC	36.5	37.9	39.3	40.6	42.0		
IMR 4895	37.2	38.4	39.7	40.9	42.2	43.4	
IMR 4166 End.	37.0	38.3	39.6	40.8	42.1	43.4	
Varget	37.7	39.0	40.4	41.8	43.1		
IMR 4064	37.5	38.8	40.2	41.5	42.9	44.3	
RE 15	38.5	39.7	40.9	42.1	43.3	44.6	45.8
Power Pro 2000 MR	40.4	41.8	43.1	44.5	45.9	47.3	48.6
Win 760	42.1	43.6	45.0	46.5	47.9		
RE 17	42.4	43.5	44.6	45.7	46.8	47.9	
H4350	43.0	44.4	45.7	47.1			
Energy/ft.lbs	**1587**	**1698**	**1813**	**1932**	**2055**	**2181**	**2312**

#1710-.264" 100 gr. HP
C.O.A.L. 2.650"

Powder↓ / Velocity →	2600	2700	2800	2900	3000	3100	3200
IMR 8208 XBR	32.6	34.2	35.8	37.4	39.0	40.6	42.2
IMR 4895	34.2	35.7	37.2	38.7	40.2	41.7	
Varget	33.8	35.4	37.0	38.6	40.2	41.8	43.4
IMR 4064	34.7	36.2	37.6	39.0	40.4	41.9	
RE 15	35.2	36.6	37.9	39.3	40.6	42.0	43.3
Power Pro 2000 MR	38.1	39.5	40.8	42.2	43.5	44.8	46.2
RE 17	39.2	40.4	41.7	42.9	44.2	45.4	46.7
Energy/ft.lbs	**1501**	**1618**	**1741**	**1867**	**1998**	**2133**	**2273**

USE MAXIMUM LOADS WITH CAUTION
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

6.5 Creedmoor

#1725 .264" 120 gr. HPBT
C.O.A.L. 2.750"

#1727 .264" 123 gr. HPBT
C.O.A.L. 2.810"

Powder↓ / Velocity →	2500	2600	2700	2800	2900	3000
IMR 8208 XBR	32.9	34.4	36.0	37.5		
H4895	33.3	34.7	36.2	37.6	39.0	
IMR 4895	33.6	35.0	36.5	37.9	39.3	
Varget	33.3	34.9	36.4	38.0	39.6	
IMR 4064	33.9	35.4	36.9	38.5		
RE 15	33.7	35.3	36.8	38.4	40.0	
Win 760	38.2	39.7	41.3	42.8	44.4	46.0
RE 17	36.0	37.4	38.9	40.4	41.8	43.3
IMR 4451 End.	40.3	41.4	42.6	43.7	44.9	
IMR 4350	38.3	39.9	41.4	43.0	44.6	
H4350	37.8	39.4	40.9	42.5	44.0	45.6
Hybrid 100V	36.7	38.2	39.7	41.3	42.8	
Energy/ft.lbs	**1665**	**1801**	**1942**	**2089**	**2240**	**2398**

USE MAXIMUM LOADS WITH CAUTION.
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

6.5 Creedmoor

#7430 .264" 130 gr. TMK
C.O.A.L. 2.810"

Powder↓ / Velocity →	2400	2500	2600	2700	2800	2900
H4895	32.0	33.6	35.1	36.7		
IMR 4895	32.8	34.2	35.7	37.2		
Varget	32.8	34.3	35.8	37.3	38.8	
AR Comp	31.2	32.9	34.6	36.3		
IMR 4064	33.2	34.7	36.1	37.6		
RE 15	32.7	.34.4	36.0	37.7	39.3	
Win 760	37.9	39.3	40.7	42.1	43.5	44.8
RE 17	36.3	37.7	39.1	40.4	41.8	43.2
RE 16	36.4	38.0	39.6	41.2	42.8	44.4
IMR 4451 End.	37.4	39.0	40.6	42.1	43.7	
IMR 4350	37.4	38.9	40.5	42.0	43.6	
H4350	36.4	38.0	39.7	41.3	42.9	
Hybrid 100V	35.8	37.3	38.8	40.4	41.9	
RE 19	40.2	41.6	43.0	44.4	45.8	
Energy/ft.lbs	**1662**	**1804**	**1951**	**2104**	**2263**	**2427**

USE MAXIMUM LOADS WITH CAUTION
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

6.5 Creedmoor

#1742 .264" 142 gr. HPBT
C.O.A.L. 2.810"

Powder↓ / Velocity →	2300	2400	2500	2600	2700	2800
H4895	31.2	32.7	34.3	35.8		
IMR 4895	32.0	33.5	35.0	36.5		
Varget	31.9	33.5	35.1	36.7		
IMR 4064	32.4	33.9	35.4	36.9		
RE 15	32.1	33.7	35.4	37.0	38.7	
BIG GAME	34.8	36.4	38.0	39.6	41.1	
RE 17	34.1	35.7	37.3	38.9	40.5	42.1
RE 16	35.0	36.7	38.4	40.1	41.8	43.5
IMR 4451 End.	36.9	38.4	39.9	41.4	42.9	
IMR 4350	36.3	37.8	39.3	40.8	42.3	
H4350	35.3	36.9	38.6	40.3	41.9	
Hybrid 100V	34.8	36.4	37.9	39.5	41.0	
RE 19	39.0	40.5	42.0	43.5	45.0	46.5
H4831sc	38.0	39.9	41.8	43.7	45.6	
Superformance	39.6	41.0	42.3	43.6	44.9	46.2
Energy/ft.lbs	**1668**	**1816**	**1970**	**2131**	**2298**	**2472**

USE MAXIMUM LOADS WITH CAUTION
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

6.5 CREEDMOOR - ACCURATE POWDERS

Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (FPS)	Max Load (Grains)	Max Velocity (FPS)	Max Pressure (PSI)	COL (Inches)	Comp. Load
6.5 CREEDMOOR									
Barrel: 24" ¦ Twist: 1-9" ¦ Primer: WIN WLR ¦ Bullet Diameter: 0.264"									
Case: HDY ¦ Max Case Length: 1.920" ¦ Trim Length: 1.910"									
ACCURATE 4064									
107	SIERRA	HPBT MK	37.8	2,757	42.0	3,063	59,600	2.710	C
120	NOSLER	B-TIP	36.0	2,549	40.0	2,832	59,240	2.710	
123	HDY	SP	36.5	2,570	40.5	2,856	59,630	2.780	
140	HDY	A-MAX	33.9	2,332	37.7	2,591	58,810	2.740	
142	SIERRA	HPBT MK	34.2	2,335	38.0	2,594	58,670	2.820	
RAMSHOT BIG GAME									
107	SIERRA	HPBT MK	41.9	2,875	46.5	3,194	58,970	2.710	C
120	NOSLER	B-TIP	39.2	2,655	43.5	2,950	59,000	2.710	
123	SIERRA	HPBT MK	38.7	2,636	43.0	2,929	58,490	2.780	
140	HDY	A-MAX	36.3	2,423	40.3	2,692	58,770	2.740	
142	SIERRA	HPBT MK	36.5	2,420	40.6	2,689	58,840	2.820	
ACCURATE 2700									
120	NOSLER	B-TIP	39.6	2,629	44.0	2,921	58,410	2.710	
123	SIERRA	HPBT MK	39.9	2,655	44.3	2,950	58,450	2.780	
140	HDY	A-MAX	37.8	2,432	42.0	2,702	58,550	2.740	
142	SIERRA	HPBT MK	37.8	2,433	42.0	2,703	58,490	2.820	
RAMSHOT HUNTER									
120	NOSLER	B-TIP	42.8	2,697	47.5	2,997	58,280	2.710	C
123	SIERRA	HPBT MK	42.3	2,683	47.0	2,981	58,840	2.780	
140	HDY	A-MAX	40.8	2,501	45.3	2,779	58,962	2.740	
142	SIERRA	HPBT MK	41.1	2,485	45.7	2,761	58,540	2.820	

C = Compressed Charge

NEVER EXCEED MAXIMUM LOADS.

Required Reading for All Reloaders!

The Hodgdon Annual Data Manual

The Hodgdon Annual Data manual is the most extensive reloading manual produced by a powder company. Over 150 pages of rifle and pistol data and includes articles by many well known writers.

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Rifle, lead bullet and pistol data and more included.

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(913) 362-9455 www.hodgdon.com

6.5 CREEDMOOR - HODGDON POWDERS

Powder	Starting Loads Grs.	Vel.	Pressure	Maximum Loads Grs.	Vel.	Pressure
Bullet: 100 GR. NOS BT			**Dia: .264"**		**Col: 2.760"**	
H4350	40.5	2905	48,500 PSI	45.0C	3156	59,800 PSI
H414	40.0	2923	48,700 PSI	43.8	3143	58,700 PSI
760	40.0	2923	48,700 PSI	43.8	3143	58,700 PSI
IMR 4007 SSC	39.0	2906	49,800 PSI	43.0	3138	59,800 PSI
CFE 223	41.0	3074	56,000 PSI	43.4	3200	60,700 PSI
Varget	36.5	2888	48,900 PSI	40.5	3122	60,300 PSI
IMR 4064	36.0	2873	46,500 PSI	40.0	3135	59,400 PSI
BL-C(2)	37.5	2912	48,800 PSI	41.8	3163	60,100 PSI
IMR 4895	36.5	2899	48,400 PSI	40.5	3151	60,300 PSI
H4895	35.0	2878	49,400 PSI	38.5	3097	59,300 PSI
IMR 8208 XBR	34.0	2850	48,700 PSI	38.0	3087	60,000 PSI
Bullet: 107 GR. SIE HPBT			**Dia: .264"**		**Col: 2.780"**	
H4350	41.0	2829	45,300 PSI	46.0C	3139	60,900 PSI
H414	40.0	2832	45,300 PSI	45.0	3127	58,800 PSI
760	40.0	2832	45,300 PSI	45.0	3127	58,800 PSI
IMR 4007 SSC	39.0	2782	44,200 PSI	43.0	3073	58,600 PSI
CFE 223	39.0	2960	53,600 PSI	41.5	3076	59,000 PSI
Varget	37.0	2863	48,600 PSI	41.0	3093	60,200 PSI
IMR 4064	36.0	2799	44,100 PSI	39.7	3081	58,500 PSI
748	37.0	2848	49,000 PSI	41.3	3086	59,300 PSI
BL-C(2)	38.0	2912	50,300 PSI	42.0	3103	59,000 PSI
IMR 4895	36.0	2816	45,800 PSI	40.0	3083	59,700 PSI
H4895	35.0	2846	49,400 PSI	39.0	3073	60,900 PSI
IMR 8208 XBR	34.0	2812	48,900 PSI	37.8	3027	59,700 PSI

C = Compressed Charge

NEVER EXCEED MAXIMUM LOADS.

6.5 CREEDMOOR - HODGDON POWDERS

Powder	Starting Loads Grs.	Vel.	Pressure	Maximum Loads Grs.	Vel.	Pressure
Bullet: 130 GR. NOS AB			**Dia: .264″**		**Col: 2.750″**	
H4350	35.2	2464	49,300 PSI	39.2	2687	60,400 PSI
IMR 4451	37.5	2479	47,800 PSI	41.7C	2735	59,500 PSI
H414	35.4	2490	50,500 PSI	39.3	2693	60,000 PSI
760	35.4	2490	50,500 PSI	39.3	2693	60,000 PSI
IMR 4007 SSC	34.0	2437	49,900 PSI	38.0	2662	60,300 PSI
Varget	31.4	2414	51,500 PSI	34.9	2610	61,400 PSI
IMR 4064	31.0	2352	47,600 PSI	34.9	2585	59,600 PSI
IMR 4166	32.0	2416	47,800 PSI	35.7	2663	60,400 PSI
748	33.0	2494	56,200 PSI	34.8	2586	60,500 PSI
BL-C(2)	31.2	2358	52,600 PSI	34.9	2529	60,400 PSI
IMR 4895	32.9	2435	49,600 PSI	37.0	2668	61,000 PSI
H4895	30.1	2361	48,500 PSI	33.8	2583	61,200 PSI
IMR 8208 XBR	30.5	2378	49,700 PSI	34.0	2589	61,200 PSI
Bullet: 140 GR. HDY A-MAX			**Dia: .264″**		**Col: 2.820″**	
Hybrid 100V	36.0	2451	45,300 PSI	40.9C	2736	59,600 PSI
H4350	36.0	2464	49,200 PSI	40.0C	2660	59,200 PSI
IMR 4451	37.0	2414	47,700 PSI	41.1	2670	60,700 PSI
H414	36.0	2460	50,100 PSI	40.2	2672	60,300 PSI
IMR 4350	37.0	2460	47,500 PSI	41.0C	2607	59,800 PSI
760	36.0	2460	50,100 PSI	40.2	2672	60,300 PSI
IMR 4007 SSC	35.0	2449	49,500 PSI	39.0C	2656	59,800 PSI
H380	34.5	2388	47,800 PSI	38.5	2605	59,500 PSI
Varget	32.0	2371	47,400 PSI	35.8	2598	59,900 PSI
IMR 4064	32.0	2393	48,700 PSI	35.7	2603	60,800 PSI
IMR 4166	31.7	2359	48,300 PSI	35.2	2576	60,100 PSI
IMR 4895	33.7	2491	52,700 PSI	35.9	2609	60,200 PSI
H4895	30.0	2316	46,800 PSI	34.0	2555	60,400 PSI
IMR 8208 XBR	30.0	2335	49,200 PSI	32.8	2511	59,300 PSI

C = Compressed Charge

NEVER EXCEED MAXIMUM LOADS.

6.5 CREEDMOOR - VIHTAVOURI POWDER

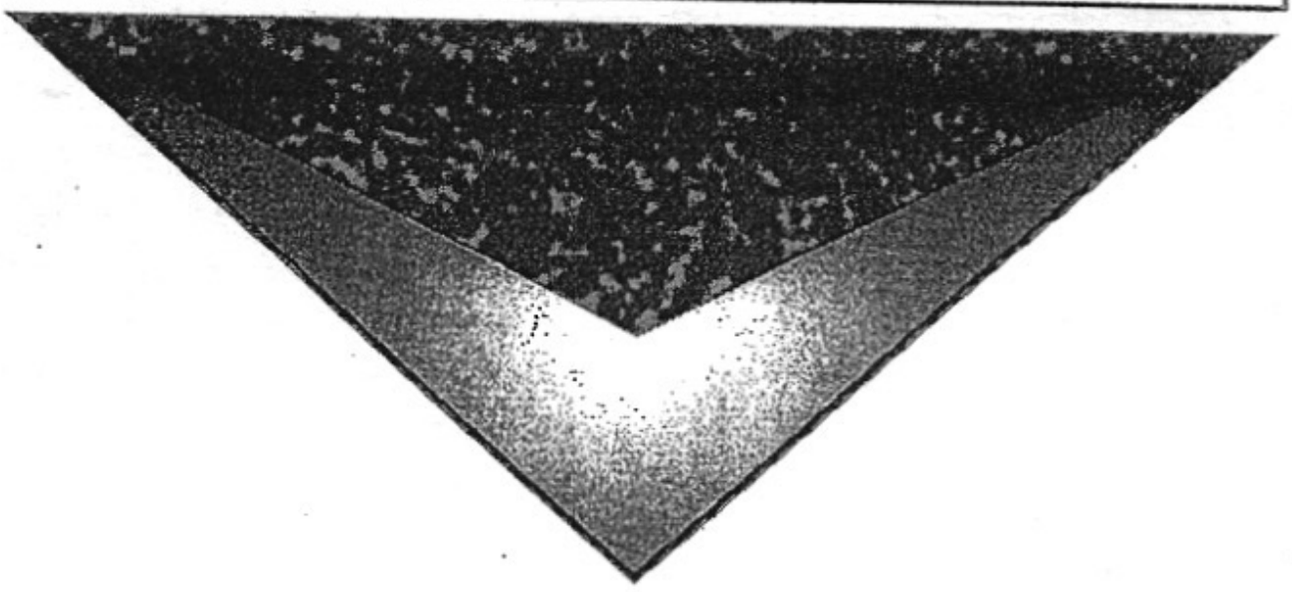
Test barrel: 650 mm (25½"), 1 in 9" twist
Primers: Large Rifle
Cases: Hornady, trim-to length 48,50 mm (1.909")

Bullet						Powder	Starting load				Maximum load			
Weight		Type	Mfg	C.O.L		Type	Weight		Velocity		Weight		Velocity	
[g]	[grs]			[mm]	[in.]		[g]	[grs]	[m/s]	[fps]	[g]	[grs]	[m/s]	[fps]
6,5	100	Scenar	Lapua	68,0	2.677	N140	2,41	37.2	869	2851	2,74	42.3	979	3212
						N150	2,39	36.9	862	2828	2,73	42.1	977	3205
						N540	2,42	37.3	881	2890	2,74	42.3	1001	3284
7,0	108	Scenar	Lapua	68,0	2.677	N150	2,18	33.6	816	2677	2,63	40.6	936	3071
						N540	2,31	35.6	843	2766	2,64	40.7	970	3182
						N550	2,48	38.3	845	2772	2,83	43.7	972	3189
7,8	120	Scenar-L	Lapua	68,0	2.677	N150	2,03	31.3	756	2480	2,47	38.1	870	2854
						N540	2,18	33.6	790	2592	2,52	38.9	895	2936
						N550	2,38	36.7	804	2638	2,73	42.1	913	2995
8,0	123	Scenar	Lapua	68,0	2.677	N150	2,22	34.3	769	2523	2,58	39.8	876	2874
						N540	2,31	35.6	799	2621	2,62	40.4	903	2963
						N550	2,46	38.0	802	2631	2,78	42.9	911	2989
8,4	130	TSX	Barnes	69,0	2.717	N150	1,70	26.2	616	2021	2,22	34.3	769	2523
						N540	1,94	29.9	679	2228	2,33	36.0	804	2638
						N550	2,03	31.3	695	2280	2,50	38.6	819	2687

USE MAXIMUM LOADS WITH CAUTION.
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

6.5 Creedmoor

Case: Hornady	Primer: Federal 210
Case Trim: 1.920"	Barrel Length: 24"
Twist Rate: 1:8"	Barrel: Bartlein



6.5 Creedmoor

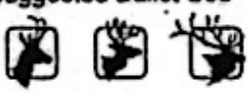
127-grain LRX BT
Sectional Density .260
Ballistic Coefficient .468
C.O.A.L 2.720"

Suggested Bullet Use

Powder	Minimum		Maximum	
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)
Big Game	37.2	2562	41.3	2779
A-2700	38.4	2556	42.7	2805
RL 17	36.8	2532	40.8	2808
IMR 4350	37.3	2560	41.5	2791
H4350	36.3	2526	40.4	2738
Hybrid 100V	37.6	2545	41.8[C]	2808
*Superformance	40.5	2584	45.0[C]	2865

130-grain TSX FB
Sectional Density .266
Ballistic Coefficient .365
C.O.A.L 2.700"

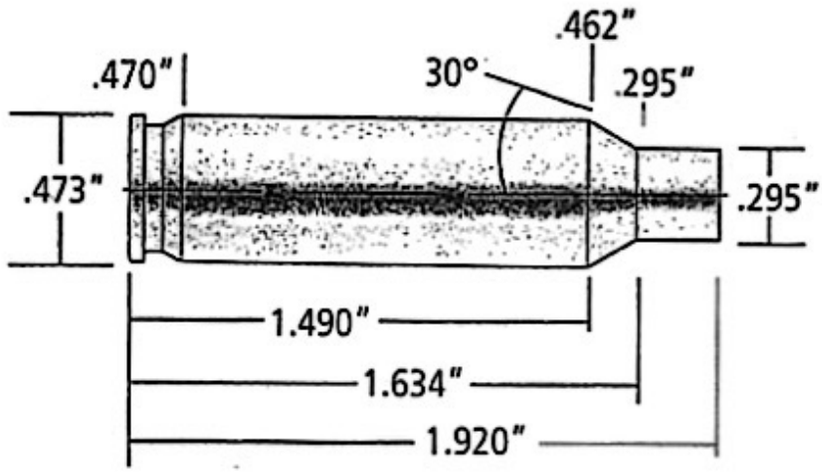
Suggested Bullet Use



Powder	Minimum		Maximum	
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)
Big Game	36.9	2479	41.0	2711
A-2700	36.9	2465	41.0	2711
*RL 17	36.7	2482	40.8	2742
H4350	36.2	2443	40.2	2672
Hybrid 100V	37.9	2505	42.1[C]	2751
Superformance	40.8	2578	45.4[C]	2840

Maximum Loads Should Be Used With Caution - Always Start With Minimum Loads.
**Recommended Powder*
[C]Compressed Load

6.5 Creedmoor



Origin	USA
Ammunition Available	2007
Bullet Diameter	0.264"
Maximum Cartridge O.A.L.	2.825"
Maximum Case Length	1.920"
Trim Length	1.910"

About the Cartridge

Introduced by Hornady about 2007, this short action round has a case that is a little shorter than the 260 Remington with a sharper 30-degree shoulder and less body taper. With a maximum overall cartridge length of 2.800 inches it functions in short actions. The round has less case capacity than other hunting rounds with .264 bullets but it was not designed specifically as a hunting cartridge. The 2005 NRA National High Power Champion, Dennis DeMille, laid out his suggested requirements for an ideal High Power competition round to Dave Emory at Hornady. The requirements were that it function through a short action, have good barrel and brass life, economy, a relatively low chamber pressure and low recoil. The 6.5mm Creedmoor was the result of these efforts. The 130-grain Scirocco offers the bullet shape and accuracy more than equal to this round in a hunting situation.

Test Components

Case	Hornady	Barrel Length	24"
Primer	CCI-200	Barrel Twist	1–8"
Test Barrel	Wiseman		

Reloading Data

120 Grain A-Frame™

Bullet		Powder	Starting Load		Maximum Load		
Type	Grain Wt.	Type	Grain Wt.	Velocity	Grain Wt.	Velocity	Load Density
Hodgdon Powder Company							
Swift A-Frame	120	H-414	41.5	2700	44.7	2933	91%
	120	Hybrid 100V	42.0	2687	45.2	2956	92%
	120	Superformance	46.0	2787	49.5	3051	101%
Alliant Powder Company							
Swift A-Frame	120	RL-17	41.3	2765	44.5	3000	91%
	120	RL-19	45.1	2721	48.5	2951	99%
	120	RL-2000-MR	39.0	2673	42.0	2930	86%
IMR Powder Company							
Swift A-Frame	120	IMR-4007ssc	39.9	2696	43.0	2928	88%
	120	*IMR-4064	36.9	2661	39.7	2890	81%
	120	IMR-4350	42.3	2671	45.5	2954	93%

**Lowest Standard Deviation on Velocity*

▨ **Indicates maximum load—never exceed maximum load!**
Loads less than minimum charges shown are not recommended

Reloading Data

140 Grain A-Frame™

Bullet		Powder	Starting Load		Maximum Load		
Type	Grain Wt.	Type	Grain Wt.	Velocity	Grain Wt.	Velocity	Load Density
Hodgdon Powder Company							
Swift A-Frame	140	H-414	39.0	2489	42.0	2671	92%
	140	Hybrid 100V	39.5	2454	42.5	2715	93%
	140	Superformance	43.2	2558	46.5	2798	102%
Alliant Powder Company							
Swift A-Frame	140	RL-17	39.3	2557	42.3	2775	92%
	140	RL-19	42.0	2491	45.2	2705	99%
	140	RL-2000-MR	35.3	2355	38.0	2594	83%
IMR Powder Company							
Swift A-Frame	140	IMR-4007ssc	37.2	2451	40.0	2642	87%
	140	*IMR-4064	34.4	2411	37.0	2594	81%
	140	IMR-4350	40.2	2527	43.3	2724	95%

**Lowest Standard Deviation on Velocity*

⊡ **Indicates maximum load—never exceed maximum load!**
Loads less than minimum charges shown are not recommended

6.5 Creedmoor

version is a better choice. No, 6.5mm bullets are not too small for these animals: recall that Scandinavians have been using the 6.5x55 on moose for a hundred years. Pairing this cartridge with Berger's lighter BT Target and BT Long Range Target bullets would make a formidable long range coyote rifle.

Medium-slow powders work best in the 6.5 Creedmoor, giving highest velocity within acceptable pressure limits. H4350 or H4350 SC are good starting points, and the cartridge deserves match primers.

The factory loading produces 58,000 psi, which launches a 140 grain bullet at about 2800 fps for 1,000 yard X-ring accuracy, and there's nothing to be gained in trying to hotrod the 6.5 Creedmoor. Keeping pressures at this level will extend barrel life and should get you about a dozen reloadings from your brass. When reloading, trim your brass and inspect it for "doughnuts" at the neck/shoulder juncture, and remove them with a reamer.

6.5 Creedmoor
130 Grain

Barrel Length = 24"
COAL = 2.800"

130 GR MATCH VLD TARGET
G1 BC = 0.552 ***G7 BC = 0.282***
Part # 26403 - 1 in 8" twist or faster

130 GR MATCH GRADE VLD HUNTING
G1 BC = 0.552 ***G7 BC = 0.282***
Part # 26503 - 1 in 8" twist or faster

We recommend using G7 BC to achieve the most accurate trajectory prediction.

Powder	Start Load	Approx. Start Vel.	Max Load	Approx. Max Vel.	Approx. Fill Ratio
VARGET	33.5	2458	37.5	2707	90%
VIHT N550	37.0	2502	41.3	2775	93%
HYBRID 100V	37.5	2503	41.6	2757	102%
H4350	37.5	2470	41.6	2727	98%
AA 4350	37.5	2506	41.7	2787	101%
WIN 760	37.5	2502	41.8	2783	91%
IMR 4831	37.5	2481	42.0	2766	100%
NORMA 204	38.5	2471	43.0	2767	96%
RAMSHOT HUNTER	39.0	2518	43.5	2805	97%
RE-19	39.5	2503	44.0	2795	102%

WARNING - APPROACH MAXIMUM LOADS WITH CAUTION AS ALL RIFLES AND RELOADING TECHNIQUES WILL BE DIFFERENT.

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