

UNLEADED  
UNFAILING  
UNBEATABLE

**BARNES**<sup>®</sup>



photo: [www.KingsOutdoorWorld.com](http://www.KingsOutdoorWorld.com)





# BARNES BULLETS®

## UNLEADED. UNFAILING. UNBEATABLE.™

Enhancing the future of hunting for generations to come.

*Randy and Coni Brooks, owners of Barnes Bullets, have made a lifelong commitment to focusing their time and efforts on the advancement and preservation of the shooting sports, as well as wildlife and habitat conservation.*

BARNES BULLETS

Commitment to the shooting industry has been paramount to the success of Barnes Bullets. This commitment ranges from financially supporting industry organizations to continuously improving existing products and developing innovative new products for its customers.

Manufactured to exacting standards of the finest materials, Barnes Bullets are the highest quality, most dependable bullets available. Unexcelled performance makes them the first choice of experienced sportsmen and hunting guides worldwide.

Randy and Coni Brooks are in the hunting field each year conducting real-life research and testing new products, insuring that Barnes Bullets always deliver the best possible performance.

Advocates of safe, responsible shooting and hunting, the Brooks share these activities with their children and grandchildren, as well as with fellow hunters.

The Brooks' simple approach to building better products with pride has made Barnes Bullets the world's best.

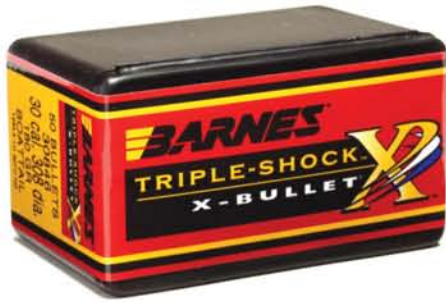


*While in Africa, Coni took this magnificent 7'10" leopard with her .338 and a 225 gr. X-Bullet. This was one of many trophies that was taken on the hunt.*

*Randy Brooks took this Desert Bighorn in southern Utah's Escalante unit. The one-shot kill was made at just over 200 yards with a 168-grain Triple-Shock X-Bullet from Randy's custom .300 Weatherby Magnum.*







## TRIPLE-SHOCK™ BARNES X-BULLET™

Greater velocity, lower pressure, and less fouling.

*The bullet that delivers a TRIPLE IMPACT – One when it first strikes game, another as the bullet begins opening, and a third devastating impact when the specially engineered cavity fully expands to deliver extra shock and maximum transferred energy.*



TRIPLE-SHOCK X-BULLET

- LESS FOULING
- BETTER ACCURACY
- GREATER VELOCITY
- LOWER PRESSURE
- ALL COPPER CONSTRUCTION
- NO FRAGMENTATION
- PENETRATES FAR DEEPER THAN LEAD CORE BULLETS
- MORE ONE-SHOT KILLS
- HIGH WEIGHT RETENTION
- RAZOR SHARP CUTTING EDGES FOR DEEPER PENETRATION
- AVAILABLE IN FACTORY AMMUNITION

Until the X-Bullet™ became available in 1989, most hunters used conventional jacketed lead-core bullets. On impact, these bullets become blunt blobs of lead and often come apart. The all-copper X-Bullet provides significantly better performance. It expands to twice its original diameter, retains its original weight and doesn't break up on impact. It delivers deep, reliable penetration that's deadly on game.



*This 308-180 gr. Triple-Shock Bullet was recovered from a 1,600 lb. moose from 96 yards. The bullet had 99% weight retention.*

In 2003, Barnes took the revolutionary X-Bullet™ one step further with the Triple-Shock™ X-Bullet. This new bullet has all the features of the original X-Bullet, plus a redesigned cavity for improved effectiveness. A series of precisely positioned rings cut into the bullet's body reduce pressures and copper fouling, and significantly improve accuracy. Many shooters are reporting groups half the size they've fired with other

bullets. The Triple-Shock X-Bullet can be safely loaded to higher velocities and copper fouling is virtually eliminated.

The Triple-Shock X-Bullet is the newest lead-free bullet on the market. There's no other bullet like it.



## THE ALL-COPPER BARNES X-BULLET™

Setting the industry standard for premium hunting bullets since 1989.

- ALL COPPER CONSTRUCTION
- NO FRAGMENTATION
- PENETRATES 28% DEEPER THAN LEAD CORE BULLETS
- ACCURATE
- HIGH WEIGHT RETENTION
- RAZOR SHARP EDGES FOR DEEPER PENETRATION

*The X-Bullet™ is praised by professional hunters and outdoor writers as the bullet that delivers "MORE ONE-SHOT KILLS" than any conventional lead-core bullet.*



BARNES X-BULLET

BARNES X-BULLET



Rifle Editor Dave Scovill with magnificent Colorado mule deer he shot with Barnes 180-grain Triple-Shock bullet from a .325 WSM Browning A-Bolt rifle.

On impact, conventional lead-core bullets become blunt, mushroom-shaped blobs of lead that often come apart. The all-copper X-Bullet expands to twice its original diameter while creating four razor-sharp copper petals that slice through game.



## XLC™ COATED X-BULLETS™

The solid, dry film lubricated bullet for shooters looking for another edge in the field.

- COATING REDUCES PRESSURE AND FOULING
- COATING IS PERMANENT – (NOT MOLY)
- COATING ENHANCES ACCURACY
- DOES NOT COAT THE BORE
- COATING KEEPS BARRELS COOLER
- AVAILABLE IN FACTORY AMMUNITION

*Has all the features of the X-Bullet with the added advantages of better accuracy and cooler barrels.*



XLC COATED X-BULLET

XLC COATED X-BULLET





# EXPANDER MZ™ MUZZLELOADER BULLETS

With only one shot available,  
it better be with the best.

- 100% WEIGHT RETENTION
- ALL COPPER
- HIGHLY ACCURATE
- RAZOR SHARP CUTTING EDGES FOR DEEPER PENETRATION AND TISSUE DAMAGE
- RECOMMENDED FOR MOST IN-LINE RIFLES
- WORKS AT HIGH AND LOW VELOCITIES
- RAPID EXPANSION
- NO FRAGMENTATION

Q. At what velocity can I expect the Expander MZ™ Muzzleloader Bullet to open?

A. Our muzzleloader bullet is function tested to begin expanding at 1000 F.P.S.

*The Barnes Expander MZ™ Muzzleloader Bullet – Recommended and used by most in-line muzzleloader manufacturers.*



BARNES EXPANDER MZ

## NEW FROM BARNES FOR 2005

Introducing the **Barnes Spit-Fire MZ™** muzzleloader bullet — an all-new long-range spitzer boattail design that delivers flatter-shooting, harder-hitting performance. It's also quicker and easier to load. The .50-caliber Spit-Fire MZ is currently offered in 245- and 285-grain bullet weights.

The Expander MZ™ Bullet is available in 45, 50 and 54 caliber. Offered in 10 and 25 packs.



The Alignment Tool will enhance the accuracy of the Barnes Expander MZ™ Bullet. The MZ™ Aligner Tool is available in 45, 50 and 54 caliber.



## BARNES BURNER™ VARMIN-A-TOR™ BULLET

Taking varmint hunting to new extremes in explosive accuracy.



LOOKS AS GOOD  
ON PAPER  
AS IT DOES  
IN THE FIELD



BARNES VARMIN-A-TOR

- BENCH REST ACCURACY
- HIGHLY EXPLOSIVE
- SCORED NOSE CAVITY
- JACKETED LEAD-CORE H.P.
- CHEAP TO SHOOT
- AVAILABLE IN 100 AND 250 PACKS

The Barnes Varmint-A-Tor™ Bullet has all the accuracy and explosive performance varmint shooters want, and at the right price - CHEAP!

A scored nose cavity and thin, tapered jacket means that this bullet will vaporize anything in its path.



## XPB™ PISTOL BULLETS

Deliver more energy than any other pistol bullet you can buy.

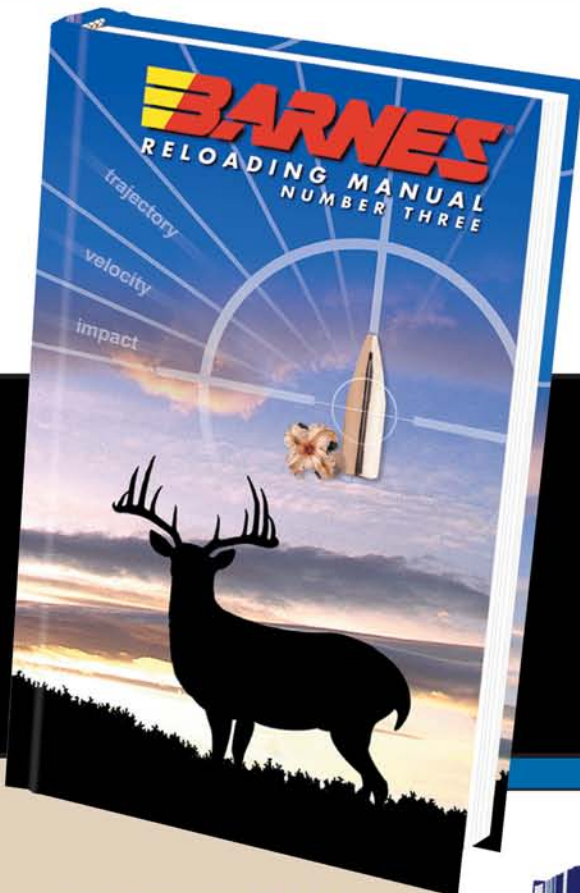
- X-BULLET TECHNOLOGY
- INCREASED PENETRATION OVER JACKETED LEAD-CORE BULLETS
- EXPANDS LIKE NO OTHER
- SUPERIOR WEIGHT RETENTION
- AVAILABLE IN FACTORY AMMUNITION

*The all-copper XPB Pistol Bullet increases penetration by 25% over lead-core bullets, while remaining intact. Expands like no other bullet in the world.*



XPB PISTOL BULLET





# THE PREMIER GUIDE FOR BULLET RELOADERS

Contains everything you need to know to maximize the performance of Barnes Bullets.

*"Data in the Reloading Manual Number 3 is written for hunters by hunters. It is a culmination of various perspectives from different parts of the world and all walks of life."*

**Randy Brooks,  
President  
Barnes Bullets**

RELOADING MANUAL NO. 3

- NEW CARTRIDGE DATA
- HELPFUL TIPS AND HOW-TO ARTICLES BY KNOWLEDGEABLE SHOOTERS
- EASY-TO-READ CHARTS AND LOAD TABLES
- ACCURACY LOADS NOTED
- STUNNING FULL-COLOR PHOTOS OF HUNTERS AND THEIR TROPHIES.



*Data in the Reloading Manual Number 3 was provided by experienced shooters and hunters, and exhaustively tested in the Barnes ballistic laboratory.*



*Hunting in Utah, Denny Austad shot this record-book mule deer with a 168-grain Barnes Triple-Shock bullet from the custom rifle he built. Rifle is chambered for the wildcat .300 Austad cartridge.*

## CR-10 Bore Cleaner:

- Removes heavy copper and powder residue
- Aggressive cleaning action
- Non-corrosive
- Won't harm barrels
- Leaves rifling clean for better accuracy and longer barrel life
- Maintains barrel accuracy







# Regular Unleaded™

*The Barnes Triple-Shock X-Bullet - There's no other bullet like it.*

## BARNES BULLETS® AVAILABLE IN FACTORY AMMUNITION

### FEDERAL VITAL-SHOK AMMUNITION

25-06 REM 100 GR. TRIPLE-SHOCK  
 270 WIN. 130 GR. TRIPLE-SHOCK  
 270 WSM 130 GR. TRIPLE-SHOCK  
 7MM REM. MAG 160 GR. TRIPLE-SHOCK  
 7MM WSM 160 GR. TRIPLE-SHOCK  
 308 WIN. 150 GR. TRIPLE-SHOCK  
 30-06 - 180- GR. TRIPLE-SHOCK  
 300 WIN. MAG 180 GR. TRIPLE-SHOCK  
 300 WSM 180 GR. TRIPLE-SHOCK  
 338 WIN. MAG 225 GR. TRIPLE-SHOCK



### FEDERAL CAPE-SHOK

375 H&H MAG. 300 GR. TRIPLE-SHOCK  
 375 H&H MAG. 300 GR. BANDED SOLID  
 416 RIGBY 400 GR. TRIPLE-SHOCK  
 416 RIGBY 400 GR. BANDED SOLID  
 416 REM. MAG. 400 GR. TRIPLE-SHOCK  
 416 REM. MAG. 400 GR. BANDED SOLID  
 458 WIN. MAG 500 GR. TRIPLE-SHOCK  
 458 WIN. MAG 500 GR. BANDED SOLID



### FEDERAL PREMIUM SHOTGUN SLUG

12 GAUGE 2-3/4" 3/4 OZ. EXPANDER SGS  
 12 GAUGE 2-3/4" 1 OZ. EXPANDER SGS  
 12 GAUGE 3" 1 OZ. EXPANDER SGS  
 20 GAUGE 3" 3/4 OZ. EXPANDER SGS



[www.federalcartridge.com](http://www.federalcartridge.com)

### SELLIER AND BELLOT

6.5 x 55 SE 140 GR. XLC  
 270 WIN. 130 GR. XLC  
 7 x 57 R 140 GR. XLC  
 7 x 64 160 GR. XLC  
 7 x 65 R 160 GR. XLC  
 308 WIN. 165 GR. XLC  
 308 WIN. 180 GR. XLC  
 30-06 SPRING. 165 GR. XLC;  
 30-06 SPRING. 180 GR. XLC  
 300 WIN. MAG. 165 GR. XLC;  
 300 WIN. MAG. 180 GR. XLC  
 8 x 57 JS 200 GR. XLC; 9.3 x 62 250 GR. XLC  
[www.sellier-bellot.cz](http://www.sellier-bellot.cz)



### SAKO RIFLE AMMUNITION

222 REM. 50 GR. X-BULLET  
 308 WIN. 165 GR. X-BULLET  
 30-06 - 180 GR. X-BULLET  
 9.3 x 62 250 GR. X-BULLET  
 9.3 x 74R 250 GR. X-BULLET  
 9.3 x 62 SAKO 286 GR. X-BULLET  
 9.3 x 62 SAKO 286 GR. SOLID  
[www.sako.fi](http://www.sako.fi)



### BLACK HILLS AMMUNITION

270 130 GR. BARNES XLC  
 308 WIN. 168 GR. BARNES XLC  
 30-06 180 GR. BARNES XLC  
 300 WIN. 180 GR. BARNES XLC  
[www.black-hills.com](http://www.black-hills.com)



### COR-BON XPB AMMUNITION

380 AUTO 80 GR. DPX  
 9MM+P 115 GR. DPX  
 38 SPL 110 GR. DPX  
 357 SIG. 115 GR. & 125 GR. DPX  
 40 S&W 140 GR. DPX  
 400 COR-BON 155 GR. DPX  
 45 GAP 160 GR. DPX  
 45 AUTO 185 GR. DPX  
 44 SPEC. 200 GR. DPX  
 44 MAG. 225 GR. DPX  
 45 COLT 225 GR. DPX  
 454 CASULL 250 GR. DPX  
 45/70 300 GR. DPX  
 460 S&W MAG.  
 200 GR. & 250 GR. DPX,  
 500 S&W MAG. 275 GR.  
 500 S&W SPCL 275 GR. DPX;  
 500 S&W SPCL 275 GR. DPX  
 480 RUGER 275 GR. DPX  
 223 REM. 53 GR. TSX FB  
 308 WIN. 168 GR. TSX BT  
[www.corbon.com](http://www.corbon.com)

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W W W . B A R N E S B U L L E T S . C O M



# TRIPLE-SHOCK™ X-BULLETS™



<b>22 CAL.</b>
DIA. .224"
WGT. 53 GR
TYPE TSX FB
S.D. .151
B.C. .231
CAT.# 22443

<b>22 CAL. NEW</b>
DIA. .224"
WGT. 70 GR
TYPE TSX BT
S.D. .199
B.C. .314
CAT.# 22470

<b>6MM</b>
DIA. .243"
WGT. 85 GR
TYPE TSX BT
S.D. .206
B.C. .333
CAT.# 24341

<b>25 CAL.</b>
DIA. .257"
WGT. 100 GR
TYPE TSX BT
S.D. .216
B.C. .420
CAT.# 25742

<b>25 CAL.</b>
DIA. .257"
WGT. 115 GR
TYPE TSX FB
S.D. .249
B.C. .429
CAT.# 25743

<b>6.5 CAL. NEW</b>
DIA. .264"
WGT. 120 GR
TYPE TSX BT
S.D. .246
B.C. .441
CAT.# 26441

<b>6.5 CAL.</b>
DIA. .264"
WGT. 130 GR
TYPE TSX FB
S.D. .266
B.C. .479
CAT.# 26442

<b>6.8 CAL. NEW</b>
DIA. .277"
WGT. 110 GR
TYPE TSX BT
S.D. .205
B.C. .323
CAT.# 27738

<b>270 CAL.</b>
DIA. .277"
WGT. 130 GR
TYPE TSX BT
S.D. .242
B.C. .466
CAT.# 27742

<b>270 CAL.</b>
DIA. .277"
WGT. 140 GR
TYPE TSX BT
S.D. .261
B.C. .497
CAT.# 27744

<b>270 CAL. NEW</b>
DIA. .277"
WGT. 150 GR
TYPE TSX FB
S.D. .279
B.C. .491
CAT.# 27746

<b>7MM NEW</b>
DIA. .284"
WGT. 120 GR
TYPE TSX BT
S.D. .213
B.C. .411
CAT.# 28442

<b>7MM</b>
DIA. .284"
WGT. 140 GR
TYPE TSX BT
S.D. .248
B.C. .477
CAT.# 28444

<b>7MM</b>
DIA. .284"
WGT. 160 GR
TYPE TSX FB
S.D. .283
B.C. .508
CAT.# 28446

<b>30 CAL. NEW</b>
DIA. .308"
WGT. 130 GR
TYPE TSX BT
S.D. .196
B.C. .374
CAT.# 30838

<b>30 CAL.</b>
DIA. .308"
WGT. 150 GR
TYPE TSX BT
S.D. .226
B.C. .428
CAT.# 30841

<b>30 CAL.</b>
DIA. .308"
WGT. 168 GR
TYPE TSX BT
S.D. .253
B.C. .476
CAT.# 30844

<b>30 CAL.</b>
DIA. .308"
WGT. 180 GR
TYPE TSX BT
S.D. .271
B.C. .552
CAT.# 30846

<b>30 CAL.</b>
DIA. .308"
WGT. 200 GR
TYPE TSX FB
S.D. .301
B.C. .550
CAT.# 30848

<b>325 WSM/8MM NEW</b>
DIA. .323"
WGT. 180 GR
TYPE TSX BT
S.D. .246
B.C. .441
CAT.# 32306

<b>338 CAL.</b>
DIA. .338"
WGT. 185 GR
TYPE TSX BT
S.D. .231
B.C. .437
CAT.# 33843

<b>338 CAL. NEW</b>
DIA. .338"
WGT. 210 GR
TYPE TSX BT
S.D. .263
B.C. .471
CAT.# 33845

<b>338 CAL. NEW</b>
DIA. .338"
WGT. 225 GR
TYPE TSX FB
S.D. .281
B.C. .482
CAT.# 33846

<b>35 CAL. NEW</b>
DIA. .358"
WGT. 225 GR
TYPE TSX FB
S.D. .251
B.C. .405
CAT.# 35824

<b>375 CAL. NEW</b>
DIA. .375"
WGT. 270 GR
TYPE TSX FB
S.D. .274
B.C. .503
CAT.# 37556

<b>375 CAL. NEW</b>
DIA. .375"
WGT. 300 GR
TYPE TSX FB
S.D. .305
B.C. .555
CAT.# 37558

<b>416 CAL. NEW</b>
DIA. .416"
WGT. 350 GR
TYPE TSX FB
S.D. .289
B.C. .521
CAT.# 41686



<b>416 CAL. NEW</b>
DIA. .416"
WGT. 400 GR
TYPE TSX FB
S.D. .330
B.C. .546
CAT.# 41689

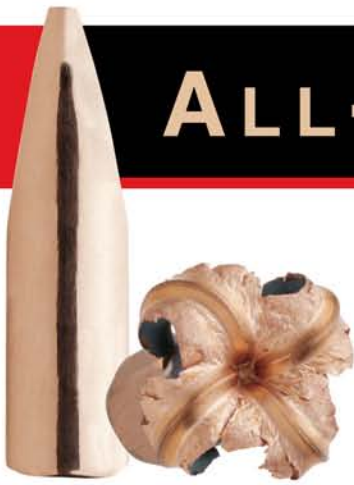
<b>458 CAL. NEW</b>
DIA. .458"
WGT. 450 GR
TYPE TSX FB
S.D. .306
B.C. .488
CAT.# 45819

<b>458 CAL. NEW</b>
DIA. .458"
WGT. 500 GR
TYPE TSX FB
S.D. .341
B.C. .526
CAT.# 45821

*D.J. Bushman used a 180-grain Barnes Triple-Shock X-Bullet from a .30-378 Weatherby Accumark to kill this trophy Kansas whitetail December 1, 2004. A 250-yard frontal shot dropped the 281-pound buck in its tracks. The bullet passed lengthwise completely through the animal, shattering a rear leg as it exited. The 200-1/8 (green score) buck will rank high in the record book.*



# ALL-COPPER X-BULLETS™



22 CAL.	
DIA.	.224"
WGT.	50 GR
TYPE	X FB
S.D.	.142
B.C.	.220
CAT. #	22450

6MM	
DIA.	.243"
WGT.	85 GR
TYPE	X BT
S.D.	.206
B.C.	.401
CAT. #	24310

6MM	
DIA.	.243"
WGT.	90 GR
TYPE	X FB
S.D.	.195
B.C.	.382
CAT. #	24315

25 CAL.	
DIA.	.257"
WGT.	90 GR
TYPE	X BT
S.D.	.195
B.C.	.343
CAT. #	25710

7MM	
DIA.	.284"
WGT.	150 GR
TYPE	X BT
S.D.	.266
B.C.	.529
CAT. #	28428

7MM	
DIA.	.284"
WGT.	175 GR
TYPE	X FB
S.D.	.310
B.C.	.530
CAT. #	28445

30 CAL.	
DIA.	.308"
WGT.	150 GR
TYPE	X FB
S.D.	.226
B.C.	.386
CAT. #	30815

30/30 CAL.	
DIA.	.308"
WGT.	150 GR
TYPE	X FN
S.D.	.226
B.C.	.269
CAT. #	30819

30 CAL.	
DIA.	.308"
WGT.	165 GR
TYPE	X BT
S.D.	.248
B.C.	.505
CAT. #	30827

30 CAL.	
DIA.	.308"
WGT.	180 GR
TYPE	X FB
S.D.	.271
B.C.	.511
CAT. #	30835

30 CAL.	
DIA.	.308"
WGT.	180 GR
TYPE	X BT
S.D.	.271
B.C.	.552
CAT. #	30840

30 CAL.	
DIA.	.308"
WGT.	200 GR
TYPE	X FB
S.D.	.301
B.C.	.550
CAT. #	30845

338 CAL.	
DIA.	.338"
WGT.	160 GR
TYPE	X FB
S.D.	.200
B.C.	.337
CAT. #	33878

338 CAL.	
DIA.	.338"
WGT.	250 GR
TYPE	X FB
S.D.	.313
B.C.	.521
CAT. #	33890

35 CAL.	
DIA.	.358"
WGT.	180 GR
TYPE	X FB
S.D.	.201
B.C.	.298
CAT. #	35810

35 CAL.	
DIA.	.358"
WGT.	200 GR
TYPE	X FB
S.D.	.223
B.C.	.346
CAT. #	35815

9.3 CAL.	
DIA.	.366"
WGT.	250 GR
TYPE	X FB
S.D.	.267
B.C.	.428
CAT. #	36605

9.3 CAL.	
DIA.	.366"
WGT.	286 GR
TYPE	X FB
S.D.	.305
B.C.	.468
CAT. #	36615

375 CAL.	
DIA.	.375"
WGT.	210 GR
TYPE	X FB
S.D.	.213
B.C.	.341
CAT. #	37575

405 WIN.	
DIA.	.411"
WGT.	300 GR
TYPE	X FB
S.D.	.254
B.C.	.313
CAT. #	41178

416 CAL.	
DIA.	.416"
WGT.	300 GR
TYPE	X FB
S.D.	.248
B.C.	.394
CAT. #	41680

458 MAG	
DIA.	.458"
WGT.	300 GR
TYPE	X FB
S.D.	.204
B.C.	.340
CAT. #	45802

458 MAG	
DIA.	.458"
WGT.	350 GR
TYPE	X FB
S.D.	.283
B.C.	.402
CAT. #	45805

45/70 CAL.	
DIA.	.458"
WGT.	250 GR
TYPE	X FN
S.D.	.170
B.C.	.172
CAT. #	45831

45/70 CAL.	
DIA.	.458"
WGT.	300 GR
TYPE	X FN
S.D.	.204
B.C.	.204
CAT. #	45832

50 CAL.	
DIA.	.510"
WGT.	647 GR
TYPE	X BT
S.D.	.355
B.C.	.592
CAT. #	51064



*Jennifer Branson hunted with her family in October of 2004 to get this great mule deer in Utah in the Book Cliffs. She took it with a .243 WSSM and the 85 grain Triple-Shock. The range was 160 yards and the bullet took out both front shoulders with one shot. The buck scored 180 2/8".*



# XLC™ COATED X-BULLETS™



22 HORNET	
DIA.	.224"
WGT.	45 GR
TYPE	XLC BT
S.D.	.128
B.C.	.203
CAT. #	22452

22 CAL.	
DIA.	.224"
WGT.	53 GR
TYPE	XLC FB
S.D.	.151
B.C.	.231
CAT. #	22455

6MM	
DIA.	.243"
WGT.	95 GR
TYPE	XLC FB
S.D.	.230
B.C.	.398
CAT. #	24355

25 CAL.	
DIA.	.257"
WGT.	100 GR
TYPE	XLC BT
S.D.	.216
B.C.	.420
CAT. #	25754

6.5 CAL.	
DIA.	.264"
WGT.	120 GR
TYPE	XLC FB
S.D.	.246
B.C.	.441
CAT. #	26451

6.5 CAL.	
DIA.	.264"
WGT.	140 GR
TYPE	XLC FB
S.D.	.287
B.C.	.522
CAT. #	26453

270 CAL.	
DIA.	.277"
WGT.	130 GR
TYPE	XLC BT
S.D.	.242
B.C.	.466
CAT. #	27754

7MM	
DIA.	.284"
WGT.	140 GR
TYPE	XLC BT
S.D.	.248
B.C.	.477
CAT. #	28455

7MM	
DIA.	.284"
WGT.	160 GR
TYPE	XLC FB
S.D.	.283
B.C.	.508
CAT. #	28458

30 CAL.	
DIA.	.308"
WGT.	130 GR
TYPE	XLC BT
S.D.	.196
B.C.	.374
CAT. #	30851

30 CAL.	
DIA.	.308"
WGT.	150 GR
TYPE	XLC BT
S.D.	.226
B.C.	.428
CAT. #	30854

30 CAL.	
DIA.	.308"
WGT.	165 GR
TYPE	XLC BT
S.D.	.248
B.C.	.505
CAT. #	30857

30 CAL.	
DIA.	.308"
WGT.	168 GR
TYPE	XLC BT
S.D.	.253
B.C.	.476
CAT. #	30856

30 CAL.	
DIA.	.308"
WGT.	180 GR
TYPE	XLC BT
S.D.	.271
B.C.	.552
CAT. #	30859

8MM	
DIA.	.323"
WGT.	200 GR
TYPE	XLC FB
S.D.	.274
B.C.	.429
CAT. #	32312

338 CAL.	
DIA.	.338"
WGT.	185 GR
TYPE	XLC BT
S.D.	.231
B.C.	.437
CAT. #	33854

375 CAL.	
DIA.	.375"
WGT.	235 GR
TYPE	XLC FB
S.D.	.239
B.C.	.400
CAT. #	37553

470 NITRO	
DIA.	.475"
WGT.	500 GR
TYPE	XLC FB
S.D.	.317
B.C.	.318
CAT. #	47550

50 CAL.	
DIA.	.509"
WGT.	570 GR
TYPE	XLC FB
S.D.	.314
B.C.	.317
CAT. #	50957

577 NITRO <span style="color: red;">NEW!</span>	
DIA.	.584"
WGT.	750 GR
TYPE	XLC FB
S.D.	.314
B.C.	.399
CAT. #	58475



*Roxy Kelso with magnificent full-curl ram she took while hunting Yukon's Ruby Ridge. The shot was made at 629 yards using 168-grain Triple-Shock bullet from her .300 WSM rifle.*

# VARMIN-A-TOR™ BULLETS



22 CAL.	
DIA.	.224"
WGT.	40 GR
TYPE	VMTR
S.D.	.114
B.C.	.175
CAT. #	22429

22 CAL.	
DIA.	.224"
WGT.	50 GR
TYPE	VMTR
S.D.	.142
B.C.	.217
CAT. #	22439

6MM	
DIA.	.243"
WGT.	58 GR
TYPE	VMTR
S.D.	.140
B.C.	.191
CAT. #	24329

6MM	
DIA.	.243"
WGT.	72 GR
TYPE	VMTR
S.D.	.174
B.C.	.244
CAT. #	24339



# XPB™ PISTOL BULLETS™



9 MM	
DIA.	.355"
WGT.	115 GR
TYPE	XPB
S.D.	.130
B.C.	.167
CAT. #	35515

40 S&W	
DIA.	.400"
WGT.	155 GR
TYPE	XPB
S.D.	.138
B.C.	.189
CAT. #	40055

44 MAG.	
DIA.	.429"
WGT.	200 GR
TYPE	XPB
S.D.	.155
B.C.	.172
CAT. #	42920

44 MAG.	
DIA.	.429"
WGT.	225 GR
TYPE	XPB
S.D.	.175
B.C.	.195
CAT. #	42922

460 S&W <b>NEW</b>	
DIA.	.451"
WGT.	200 GR
TYPE	XPB BT
S.D.	.140
B.C.	.160
CAT. #	45115

45 LONG COLT	
DIA.	.451"
WGT.	225 GR
TYPE	XPB
S.D.	.158
B.C.	.146
CAT. #	45120

45 ACP	
DIA.	.451"
WGT.	185 GR
TYPE	XPB
S.D.	.130
B.C.	.167
CAT. #	45185

454 CASULL	
DIA.	.451"
WGT.	250 GR
TYPE	XPB
S.D.	.176
B.C.	.141
CAT. #	45123

480 RUGER 475 LINEBAUGH	
DIA.	.475"
WGT.	275 GR
TYPE	XPB
S.D.	.174
B.C.	.155
CAT. #	48010

50 CAL.	
DIA.	.500"
WGT.	275 GR
TYPE	XPB
S.D.	.157
B.C.	.141
CAT. #	50025

50 CAL.	
DIA.	.500"
WGT.	325 GR
TYPE	XPB
S.D.	.186
B.C.	.228
CAT. #	50026

50 CAL.	
DIA.	.500"
WGT.	375 GR
TYPE	XPB
S.D.	.214
B.C.	.261
CAT. #	50028

# EXPANDER MZ™ BULLETS™



45 CAL.	
DIA.	.400"
WGT.	195 GR
TYPE	MZ
S.D.	.174
B.C.	.176
CAT. #	40019

50 CAL. <b>NEW</b>	
DIA.	.451"
WGT.	245 GR
TYPE	SPTF
S.D.	.172
B.C.	.203
CAT. #	45124

50 CAL.	
DIA.	.451"
WGT.	250 GR
TYPE	MZ
S.D.	.176
B.C.	.189
CAT. #	45125

50 CAL. <b>NEW</b>	
DIA.	.451"
WGT.	285 GR
TYPE	SPTF
S.D.	.200
B.C.	.239
CAT. #	45129



50 CAL.	
DIA.	.451"
WGT.	300 GR
TYPE	MZ
S.D.	.211
B.C.	.207
CAT. #	45130

54 CAL.	
DIA.	.500"
WGT.	275 GR
TYPE	MZ
S.D.	.157
B.C.	.184
CAT. #	50027

54 CAL.	
DIA.	.500"
WGT.	325 GR
TYPE	MZ
S.D.	.186
B.C.	.204
CAT. #	50032

45 CAL. ALIGNER	
CAT. #	04500

50 CAL. ALIGNER	
CAT. #	05000

SPIT-FIRE™ MZ ALIGNER	
CAT. #	05005

54 CAL. ALIGNER	
CAT. #	05400

Greg Christensen killed this Colorado mule deer with a .270 WSM rifle firing Barnes' 140-grain Triple-Shock bullets at a range of 100 yards.



# BARNES ORIGINALS



6 MM	
DIA.	.243"
WGT.	115 GR
TYPE	RNSP
JCKT.	.030"
S.D.	.290
B.C.	.322
CAT. #	24330

348 WIN.	
DIA.	.348"
WGT.	220 GR
TYPE	FNSP
JCKT.	.032"
S.D.	.260
B.C.	.301
CAT. #	34805

348 WIN.	
DIA.	.348"
WGT.	250 GR
TYPE	FNSP
JCKT.	.032"
S.D.	.295
B.C.	.327
CAT. #	34810

375 WIN.	
DIA.	.375"
WGT.	255 GR
TYPE	FNSP
JCKT.	.032"
S.D.	.259
B.C.	.290
CAT. #	375W20

38/55 CAL.	
DIA.	.375"
WGT.	255 GR
TYPE	FNSP
JCKT.	.032"
S.D.	.259
B.C.	.290
CAT. #	38/5510

38/55 CAL.	
DIA.	.377"
WGT.	255 GR
TYPE	FNSP
JCKT.	.032"
S.D.	.256
B.C.	.290
CAT. #	38/5520

401 WIN.	
DIA.	.406"
WGT.	250 GR
TYPE	RNSP
JCKT.	.032"
S.D.	.217
B.C.	.241
CAT. #	40610

40/65 WIN.	
DIA.	.406"
WGT.	250 GR
TYPE	FNSP
JCKT.	.032"
S.D.	.217
B.C.	.190
CAT. #	40611

45/70 CAL.	
DIA.	.458"
WGT.	300 GR
TYPE	SSP
JCKT.	.032"
S.D.	.204
B.C.	.291
CAT. #	457010

45/70 CAL.	
DIA.	.458"
WGT.	300 GR
TYPE	FNSP
JCKT.	.032"
S.D.	.204
B.C.	.227
CAT. #	457020

45/70 CAL.	
DIA.	.458"
WGT.	400 GR
TYPE	SSP
JCKT.	.032"
S.D.	.272
B.C.	.389
CAT. #	457030

45/70 CAL.	
DIA.	.458"
WGT.	400 GR
TYPE	FNSP
JCKT.	.032"
S.D.	.272
B.C.	.302
CAT. #	457040

458 MAG.	
DIA.	.458"
WGT.	600 GR
TYPE	RNSP
JCKT.	.049"
S.D.	.409
B.C.	.454
CAT. #	45860

50/110 WIN.	
DIA.	.510"
WGT.	300 GR
TYPE	FNSP
JCKT.	.032"
S.D.	.165
B.C.	.183
CAT. #	5011010

50/110 WIN.	
DIA.	.510"
WGT.	450 GR
TYPE	FNSP
JCKT.	.032"
S.D.	.247
B.C.	.274
CAT. #	5011020

## HOW TO READ BULLET TABLES

CALIBER	<b>30 CAL.</b>	
DIAMETER	DIA.	.308"
BULLET WEIGHT	WGT.	180 GR
BULLET TYPE	TYPE	TSX BT
SECTIONAL DENSITY	S.D.	.271
BALLISTIC COEFFICIENT	B.C.	.552
CATALOG NUMBER	CAT. #	30846

FN SOLID.....	Flat Nose Solid
MAG.....	Magnum
MZ.....	Muzzleloader Slug
SPTF.....	Spit-Fire MZ Muzzleloader Slug
VMTR.....	Varmin-A-Tor Bullet
TSX FB.....	Triple-Shock Flat Base
TSX BT.....	Triple-Shock Boat Tail
X BT.....	X-Bullet Boat Tail
X FB.....	X-Bullet Flat Base
X FN.....	X-Bullet Flat Nose
X PB.....	X-Bullet Pistol Bullet
XLC BT.....	X-Lubricated Boat Tail
XLC FB.....	X-Lubricated Flat Base

For questions or updated bullet information visit [www.barnesbullets.com](http://www.barnesbullets.com)

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**NEW**

# BARNES BANDED SOLIDS™



**375 CAL. NEW**

DIA.	.375"
WGT.	270 GR
TYPE	FN Solid
S.D.	.274
B.C.	.284
CAT. #	37513

**375 CAL. NEW**

DIA.	.375"
WGT.	300 GR
TYPE	FN Solid
S.D.	.305
B.C.	.307
CAT. #	37526

**416 CAL. NEW**

DIA.	.416"
WGT.	350 GR
TYPE	FN Solid
S.D.	.289
B.C.	.364
CAT. #	41629

**416 CAL. NEW**

DIA.	.416"
WGT.	400 GR
TYPE	FN Solid
S.D.	.330
B.C.	.388
CAT. #	41635

**458 MAG. NEW**

DIA.	.458"
WGT.	450 GR
TYPE	FN Solid
S.D.	.306
B.C.	.362
CAT. #	45828

**458 MAG. NEW**

DIA.	.458"
WGT.	500 GR
TYPE	Solid
S.D.	.341
B.C.	.394
CAT. #	45856

# BARNES SOLIDS



**22 CAL.**

DIA.	.224"
WGT.	45 GR
TYPE	Solid
S.D.	.128
B.C.	.212
CAT. #	22401

**22 CAL.**

DIA.	.224"
WGT.	50 GR
TYPE	Solid
S.D.	.142
B.C.	.235
CAT. #	22402

**6MM**

DIA.	.243"
WGT.	75 GR
TYPE	Solid
S.D.	.181
B.C.	.330
CAT. #	24301

**25 CAL.**

DIA.	.257"
WGT.	90 GR
TYPE	Solid
S.D.	.195
B.C.	.324
CAT. #	25720

**7MM**

DIA.	.284"
WGT.	100 GR
TYPE	Solid
S.D.	.177
B.C.	.343
CAT. #	28401

**30 CAL.**

DIA.	.308"
WGT.	110 GR
TYPE	Solid
S.D.	.166
B.C.	.337
CAT. #	30811

**30 CAL.**

DIA.	.308"
WGT.	125 GR
TYPE	Solid
S.D.	.188
B.C.	.372
CAT. #	30812

**30 CAL.**

DIA.	.308"
WGT.	165 GR
TYPE	Solid
S.D.	.248
B.C.	.481
CAT. #	30822

**30 CAL.**

DIA.	.308"
WGT.	220 GR
TYPE	Solid
S.D.	.331
B.C.	.305
CAT. #	30842

**338 CAL.**

DIA.	.338"
WGT.	250 GR
TYPE	Solid
S.D.	.313
B.C.	.326
CAT. #	33825

**9.3 CAL.**

DIA.	.366"
WGT.	286 GR
TYPE	Solid
S.D.	.305
B.C.	.342
CAT. #	36612

**577 NITRO**

DIA.	.584"
WGT.	750 GR
TYPE	Solid
S.D.	.314
B.C.	.351
CAT. #	58520

**600 NITRO**

DIA.	.620"
WGT.	900 GR
TYPE	Solid
S.D.	.334
B.C.	.380
CAT. #	62020

**50 BMG**

DIA.	.510"
WGT.	750 GR
TYPE	Solid
S.D.	.412
B.C.	1.070
CAT. #	510750A

**50 BMG**

DIA.	.510"
WGT.	750 GR
TYPE	Solid
S.D.	.412
B.C.	1.070
CAT. #	510750

**50 BMG**

DIA.	.510"
WGT.	750 GR
TYPE	Solid
S.D.	.412
B.C.	0.766
CAT. #	510750T

**50 BMG**

DIA.	.510"
WGT.	800 GR
TYPE	Solid
S.D.	.439
B.C.	1.095
CAT. #	510800A



# QUESTIONS & ANSWERS

**Q. What load data do I use, and are there any special techniques for loading Triple-Shock X-Bullets?**

A. When loading the new Triple-Shock X-Bullets, we recommend using the load data listed in the Barnes Reloading Manual for X-Bullets of the same weight. Start at the minimum charge weight and carefully work the load up from there. The reduced bearing surface of Triple-Shock X-Bullets may create lower pressures than Barnes X-Bullets do. To compensate for this and achieve maximum velocity, it may be possible to exceed the maximum load listed by 1 or 2 grains, working up in 1/2-grain increments. Watch for signs of excess pressure, i.e., once-fired case head expansion of more than .0005", sticky bolt lift, flattened primers, or a shiny spot on the base of the case. If any of these signs appear, reduce your load by one full grain.

**Q. What twist rates work best for Expander MZ and Spit-Fire muzzleloader bullets?**

A.	.45 cal.	195 grain:	Up to	1:30"
	.54 cal.	275 grain:	Up to	1:34"
	.50 cal.	250 grain:	Up to	1:32"
	.54 cal.	325 grain:	Up to	1:34"
	.54 cal.	300 grain:	*Up to	1:28"

*\*Occasionally a 1:28" twist will not be fast enough*

**Q. What advantages do you get with the new Spit-Fire MZ bullet?**

A. The Spit-Fire's boattail base and spitzer-style nose give it a higher BC than competing bullets have, providing the distinct advantage of flatter trajectory. The Spit-Fire MZ delivers the same reliable expansion and penetration all X-bullets are famous for.

**Q. What are Barnes Solids used for?**

A. Barnes' new bigbore Banded Solids™ deliver exceptional accuracy and deep, sure penetration for maximum stopping power on dangerous African big game. Multiple bands cut into the shank relieve pressure and virtually eliminate fouling. Barnes' unbanded .22 through .30-caliber spitzer-shaped solids minimize damage to pelts.

**Q. Is it better for a bullet to travel completely through an animal and exit the far side, or remain in the game?**

A. To provide a clean, humane kill, the bullet should penetrate as deeply as possible. Deep penetration creates a larger wound channel than shallow penetration does, and the larger wound channel results in more one-shot kills. When a bullet stops before deep penetration has occurred, this is often a sign of bullet failure due to loss of weight. If a bullet is stopped by an animal's front shoulder, maximum energy transfer fails to reach vital organs. If the bullet exits the animal, energy transfer has occurred along the length of the bullet's path. Muscle, organ and bone destruction—not foot-pounds of energy—cause quick, humane kills.

**Q. How do I adjust seating depth to improve accuracy?**

A. Because X, XLC, and Triple-Shock X-Bullets are solid copper, their pressure characteristics differ from those of other, conventional jacketed bullets. In our lab, we found best pressures and accuracy occur when bullets are seated .030" to .070" from the lands (grooves or rifling) of a rifle. Most of the time, optimum conditions are experienced at .050" off the lands, so start there. Then move the bullet backward or forward in .005"- .010" increments to find the 'sweet spot' for your particular rifle.

**Q. How much fouling can I expect with Triple-Shock X-Bullets?**

A. Triple-Shock X-Bullets have a series of grooves machined into the bullet shank to reduce the bullet's bearing surface against the barrel. This reduces pressure and dramatically reduces copper fouling.

**Q. What kind of penetration can I expect with the three X-Bullet designs?**

A. Our tests have shown that all X-Bullets can be expected to penetrate 28 percent deeper than lead-core bullets will. This is attributed to the X-Bullet's high weight retention and superior expansion design. While lead-core bullets expand to produce a relatively smooth mushroom shape, the frontal section of the X, XLC, or Triple-Shock X-Bullet peels back to form four sharp-edged copper petals. These petals help the X-Bullet slice through game, contributing to shock and superior penetration.



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