SHOTSHELL AMMUNITION 101

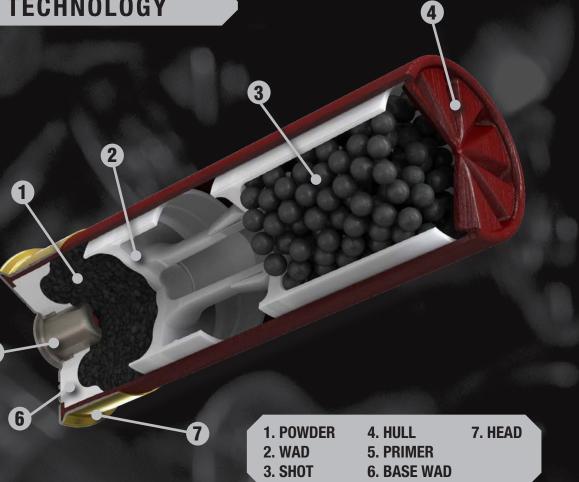
SHOTSHELL TECHNOLOGY

THE BASIC SHOTSHELL EXPLAINED

With so many options on the market today, it's good to know the basic anatomy of a shotgun shell and what the differences are. Do your research, know your target and test your gun. Be prepared and be effective.

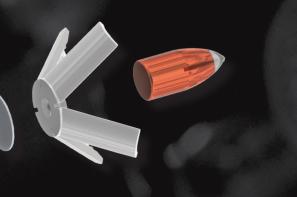
SHOTSHELL ANATOMY

There are several gauges of shotshells available: 10, 12, 16, 20, 28 and .410 bore. Their lengths and payloads vary from the 2 ¹/₂-inch, 1/2-ounce .410 to the 3 1/2-inch, 2 1/4-ounce 10-gauge. They are loaded with fine bird shot or larger buckshot pellets made of lead, steel or tungsten alloy. Some loads have a granulated plastic buffer, which prevents pellet deformation and produces tight, uniform patterns. A plastic tube called the hull encloses a wad filled with shot, primer, powder, base wad and head.



SLUG TYPES

SABOT SLUGS These offerings are designed for use in fully rifled shotgun barrels and feature a projectile similar to a handgun bullet held in a polyethylene sleeve. This sleeve, known as a sabot, fills the bore, and grips the rifling, which imparts twist necessary for accuracy past 200 yards.



TROPHY® COPPER SLUG

• Precision sabot provides superior in-bore alignment and consistent projectile separation at muzzle exit for the ultimate slug accuracy • Sub-4 inch groups at 200 yards • Deep, externally skived slug cavity for consistent, superior expansion across a broad velocity range • Polymer tip and sleek profile increase the ballistic coefficient for higher downrange velocity and energy

RIFLED SLUGS

Contrary to their name, rifled slugs are designed to be fired through smoothbore shotgun barrels. Also known as Foster-style slugs, they generally feature ribbing on the sides of the lead projectile and a hollow point. The design typically has a much shorter effective range than comparable sabot slugs.

TRUBALL® RIFLED SLUG

- Plastic ball between the wad and slug increases smoothbore accuracy • Capable of 1.4-inch groups at 50 yards Increased downrange energy • Clean separation of components after muzzle exit
- Harder lead in TruBall Deep Penetrator yields more penetration



release of the payload for dense, consistent patterns.



		AV	ERAG	GE PE	LLET	COU	JNT –	STE	EL SI	TOF										AVE	RAGE	PELL	ET C	OUNT	- LI	EADS	нот					
					Pa	yload Wei	ight																Payload	Weight								
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	Size		(24.81)	, ,	(28.35)	(31.89)		. ,		(44.30)						Size	(14.17)	(19.49)	(21.25)	(24.80)	(28.35)	(31.89)	(35.44)	(37.21)	(38.98)	(42.52)	(46.06)	(49.61)			(63.78)	
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	5	236 182	-	295 228	243	354 273	394 304	433 334	364	380	395	107				8½ 8	249	342 282	307	359	497	009 //61	512	538	564	615	808 666	070 718	932 769	994 820	1118 922	
the state of	4	144	168	180	192	216	240	264	288	300	312					71/2	175	202	262	306	350	394	437	459	481	525	569	613	656	700	787	
Carlos Andrew /	3	118	136	143	158	178	197	217	237	247	257					6	112	155	169	197	225	253	281	295	309	337	366	394	422	450	506	
	2	94	-	117	125	141	156	172	187	195	203					5	85	117	127	149	170	191	212	223	234	255	276	298	319	340	382	
	1	77	-	97	103	116	129	142	154	161	167	A STA				4	67	93	101	118	135	152	169	177	186	202	219	236	253	270	304	
	BB	54	-	67	72	81	90	99	108	112	117					2	43	60	65	76	87	98	109	114	120	130	141	152	163	174	196	
	BBB	46	-	58	62	70	77	85	93	97	101					BB	25	34	37	44	50	56	62	65	69	75	81	88	94	100	112	
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To increase safety among shooters, Federal was the first manufacturer to use	To-Gauge		12-Gauge		FEDERAL		FEDERAL		B-Gauge	410 Bo	bre		remium [®] LE Dr		The three cylinder. these che density a	e most co Lead, ste okes. To o nd most (ommon ch eel and tur determine even pelle	nokes are f ngsten pat e which loa et distribut	ull, modifie tern differ ad provides ion, make	ed and imp ently in ea s the best sure to pa	proved ch of pattern ttern a			KES		Exce 20 Yar	Shot patter ellent for short ran rdS	tern at medium rar ange up to 30 - 35 j	ange, 25 - 40 yds 5 yds	Shot effectiv range 50 - 5	t pattern ive at long ge up to 55 yards	
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