



BPI Premium Slugs:

DGS SERIES GUALBO STEEL SLUG

The Gualbo™ Steel 12ga slug is a 32-gram steel slug designed with expanding Thrust Flanges™. Upon impact the Thrust Flanges expand outward to maximize the slug's energy transfer and create a devastating wound channel.

The central upper core assures stability and precision, both in trajectory motion and at the moment of impact. To maximize the critical point of impact expansion, the central upper core forces the six Thrust Flanges outward from the main body of the slug.

The plastic sabot section is designed with protective hinged petals that embrace the steel slug during bore transit and release from the central body immediately upon discharge from the barrel. The unitized cushion section effectively absorbs ignition energy to reduce spike pressures and the inherent obturator seal efficiently seals propellant gases.

Roll or fold crimps work well with the DGS (Dangerous Game Slug) line. Like other DGS slugs, the shoulder of a roll crimp must be taller than the central nose of the slug. (See warnings below.) The exclusive self-adjusting cushion column varies the height of the slug to allow for ideal crimps and firm propellant compression.



Technical Specs:

Product Type: Slug, steel projectile with molded plastic carrier

Size: 12ga
Weight: 1 oz. slug
485 gns. w/carrier (<1-1/8 oz.)
Height: 1.800"

WARNINGS:

When loading slug components with an inherent gas seal, the entire slug component must be nudged down with your reloading press' rammer tube. Many loaders complain that they don't have enough room for a crimp. This tells us that the reloader is NOT pushing down on the slug prior to crimping and thus not properly seating the slug on the powder. Depending on your loading tool, these loads may require a series of nudges to allow the powder to enter and fill the concave (cupped) plastic gas seal. If you don't do this, then you'll get the "no-fit" problem or a failed load when the powder refuses to fully ignite. Burned or punctured gas seals is almost always a result of this user error.

Spire tip slugs placed within a tube magazine (i.e. pump or auto shotguns) must not have any protrusions from the crimp. Although it is unlikely, it is possible that the tip of the protruding slug could impact the primer of the shell in front of it. This could be extremely dangerous. A pointed slug should be covered with a cardboard or plastic disc or even fold-crimped. Failing that, the shotgunner should only place one slug at a time in a tube magazine. Verify no slug, regardless of type, protrudes past the top of a hull.

Warning: Do not fire the DGS Gualbo Steel slug through a choked barrel.

Load ID	Ga.	Hull	Primer	Powder	Grns.	Gas Seal	Slug	Filler Wads & Load Inserts	OS Card	Slug Wgt.	Load Grns.	Shot Size	Buffer	PSI	FPS
12-Gauge • 2¾" Length • Steel Slug • Fold Crimp															
160721-8234	12	Federal PB	Fed209A	800X	26.0		DGS Steel			1	437			9600	1350
160721-8235	12	Federal PB	Fed209A	Longshot	30.0		DGS Steel			1	437			9800	1425
160721-8236	12	Federal PB	Fed209A	Steel	33.0		DGS Steel			1	437			7800	1350
160721-8238	12	Cheddite	Ched209	800X	28.0		DGS Steel			1	437			9900	1425
160721-8239	12	Cheddite	Ched209	Longshot	31.9		DGS Steel			1	437			10100	1525
12-Gauge • 2¾" Length • Steel Slug • Roll Crimp															
160721-8240	12	Cheddite	Ched209	Longshot	32.0		DGS Steel			1	437			9300	1485
160721-8237	12	Federal PB	Fed209A	800X	29.2		DGS Steel			1	437			9900	1450

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Component Abbreviation Chart

+	load tested w / specified shot size and larger	na	CS12	Competition Special wad, 12ga	#072CS12	International Clays.....	Hodgdon International Clays powder	#081020*
-	load tested w / specified shot size and smaller.....	na	CS12S	Competition Special Short wad, 12ga.....	#072CS12S	ITX Original-10™.....	ITX Original-10™ non-toxic shot.....	#TX**
.410 Thug Slug .....	.8 gram Thug Slug, .410	#1264100	CSD020.....	Cushioned Shot Driver, 20ga.....	#0207020	ITX Extreme-13™.....	ITX Extreme Turkey Trauma-13™ non-toxic shot#XTT**	
10MMW*	10mm waxed card wad (*relevant gauge)	#10MMW**	CSD078.....	.7/8 oz. Cushioned Shot Driver, 12ga.....	#0207078	L078.....	Lightning 7/8 oz. wad, 12ga.....	#020L078
12ga 1 oz. Thug Slug....	1 oz. Thug Slug, 12ga.....	#1261228	CSD100.....	1 oz. Cushioned Shot Driver, 12ga.....	#0207100	LB12.....	Light Brush wad, 12ga.....	#072LB12
12ga 1 1/2 oz. Thug Slug 1 1/2 oz. Thug Slug, 12ga.....		#1261232	CSD118	1 1/2 oz. Cushioned Shot Driver, 12ga.....	#0207118	LBC Sabot Slug.....	LBC Sabot Slug, 12ga.....	#0721610
14C*.....	.1/4" card wad (*relevant gauge)	#14C**	CSD114.....	.1 1/4 oz. Cushioned Shot Driver, 12ga.....	#0207114	LBC30.....	30mm Limited Bore Contact wad, 12ga.....	#0729030
14CW*.....	.1/4" cork wad (*relevant gauge).....	#12224**	CSD16.....	.7/8 oz. Cushioned Shot Driver, 16ga.....	#0207016	LBC43.....	43mm Limited Bore Contact wad, 12ga.....	#0729043
14FW*.....	.1/4" felt wad (*relevant gauge).....	#12214**	CTX Copper/Frangible..	.3/4 oz. CTX Frangible Slug, 12ga.....	#336CTX12	LBC50.....	50mm Limited Bore Contact wad, 12ga.....	#0729050
18CW*.....	.1/8" cork wad (*relevant gauge).....	#12228**	D20	Vectan / Nobel Sport D20 powder.....	#NBD201	Lee Drive-Key Slug, 7/8 oz Lee Drive-Key Slug, 12ga 7/8 oz.....		#LEE90282
18FW*.....	.1/8" felt wad (*relevant gauge).....	#12218**	Dangerous Game Slug..	Dangerous Game Slug		Lee Drive-Key Slug, 1 oz. Lee Drive-Key Slug, 12ga 1 oz.....		#LEE90281
20ga 7/8 oz. Thug Slug...7/8 oz. Thug Slug, 20ga.....		#1262025	12ga.....		#0721612	Light Game Slug	Light Game Slug	
206V	Vectan / Nobel Sport 206V powder.....	#NB206V1	16ga.....		#0721616	28ga.....		#0721628
38C*.....	.3/8" card wad (*relevant gauge)	na	20ga.....		#0721620	.410.....		#0721641
38W* .....	.3/8" waxed card wad (*relevant gauge)	#38W**	DGS Thunderbolt Slug..	"Thunderbolt" Dangerous Game Slug, 12ga....	#0721613	Lil' Gun.....	Hodgdon Lil' Gun powder	#081120*
700X.....	Hodgdon Hi-Skor 700-X powder.....	#090700*	DX12.....	Dispensor-X wad, 12ga.....	#072DX12	Longshot.....	Hodgdon Longshot powder	#081050*
800X.....	Hodgdon Hi-Skor 800-X powder.....	#090800*	DX12S.....	Dispensor-X Short wad, 12ga.....	#072DX12S	MG410.....	MG410 wad, .410	#072MG410
A0	Vectan / Nobel Sport A0 powder	na	DX20	Dispensor-X wad, 20ga.....	#072DX20	MG42	MG42 Wad, 12ga.....	#072MG42
A1.....	Vectan / Nobel Sport A1 powder.....	#NBA11	E3.....	Alliant E-3 powder	#018333*	Mica.....	Mica Wad Slick Lubricant.....	#MICA
A24	Vectan / Nobel Sport A24 powder.....	na	EML.....	European Mighty Lite, 12ga.....	#072EML	MM1035.....	Multi-Metal 3 1/2" wad, 10ga.....	na
AA Sup. Handicap	Winchester Super Handicap powder.....	#235SH0*	FC*.....	.1/2" fiber card (*relevant gauge).....	#FC**	MM1230.....	Multi-Metal 3" wad, 12ga.....	na
Accurate 4100	Accurate 4100 powder	na	Fed209A.....	Federal 209A primer	#209A	MM1235.....	Multi-Metal 3 1/2" wad, 12ga.....	na
Alliant 20/28	Alliant 20/28 powder	#0182028*	Federal.....	Federal hull.....	#062****	MM1275.....	Multi-Metal 2 3/4" wad, 12ga.....	na
Alliant 2400	Alliant 2400 powder	#0182400	Federal (paper).....	Federal paper hull.....	#FPAP121	MY1620.....	16-20ga Mylar™ wraps	#MY1620
Alliant 410.....	Alliant 410 powder	#018410*	Federal FB.....	Federal hull (fiber basewad).....	na	MYTHICK.....	Thick Mylar™ wraps	#MYTHICK
American Select.....	Alliant American Select powder	#018040*	Federal PB.....	Federal hull (plastic basewad).....	na	MYTHIN.....	Thin Mylar™ wraps	#MYTHIN
AQT2	NobelSport-Cheddite AQT2 wad.....	#139AQT2	Fio616.....	Fiocchi 616 primer	#F616	MYSLIM.....	Slim Mylar™ wraps	#MYSLIM
AS	Vectan / Nobel Sport AS powder	#NBA51	Fiocchi.....	Fiocchi hull.....	#064****	N209.....	NobelSport 209 primer	#N209
Blue Dot.....	Alliant Blue Dot powder.....	#018080*	Fiocchi (paper).....	Fiocchi paper hull	na	N7*.....	Mini Nitro Card (*relevant gauge)	#N7**
BP12.....	BP12 wad, 12ga.....	#3221203	Foster Slug.....	Foster Slug, 12ga.....	#7000002	NC*.....	Maxi Nitro Card (*relevant gauge).....	#NC**
BPD10	BPD10 wad, 10ga.....	#3221000	FS12	Flex Seal cushioned gas seal, 12ga.....	#072FS12	Non-Toxic Green Slug...Non-Toxic Green Slug, 12ga.....		#7000005
BPD10T.....	BPD10-Tuff steel shot wad, 10ga	#3221001	g.....	grams (28.35 grams = 1 ounce).....	na	NP*.....	Nickel Plated lead shot (*indicate shot size)	#NP**
BPGS	Ballistic Products Gas Seal	#3221200	GM3	Vectan / Nobel Sport GM3 powder	#NBGM31	OB*.....	Obturator gas seal (*relevant gauge)	#020**
Buffer.....	Ballistic Products shot buffer	see notes	grns.....	grains (437.5 grains = 1 ounce)	na	OS*.....	Overshot Card (*relevant gauge)	#OS*
Bullseye	Alliant Bullseye powder.....	#018010*	Green Dot.....	Alliant Green Dot powder	#018030*	OSBP12	Overshot Card w/ BPI Logo, 12ga.....	#OSBP12
BW12.....	Brush wad (Original), 12ga.....	#072BW12	GS2	GS2 / Air Wedge Gas Seal, 12ga	na	PB.....	IMR PB powder	na
BW20.....	Brush wad, 20ga.....	#072BW20	GTT1.....	NobelSport-Cheddite GTT1 wad	#139GTT1	PISK.....	Piston Skeet wad, 12ga.....	#072PISK
BW24.....	Brush wad, 24ga.....	#072BW24	GTT3	NobelSport-Cheddite GTT3 wad	#139GTT3	PISK-LITE.....	Piston Skeet Lite wad, 12ga.....	#072PISKL
BW28.....	Brush wad, 28ga.....	#072BW28	H-110	Hodgdon H-110 powder.....	#081110*	PLC*.....	.1/2" pre-lubed fiber card (*relevant gauge)	#PLC**
BX410.....	BX410 wad, .410.....	#072BX410	HCD18.....	Helix Cushion Driver 18 wad, 12ga.....	#020HCD18	PRIMA-SV.....	Vectan / Nobel Sport Prima-SV powder.....	na
CCI209.....	CCI 209 primer	#CCI	HCD21.....	Helix Cushion Driver 21 wad, 12ga.....	#020HCD21	PRIMA-V.....	Vectan / Nobel Sport Prima-V powder.....	#NBPRIMAV1
CCI209M.....	CCI 209 magnum primer	#CCIM	HCD24.....	Helix Cushion Driver 24 wad, 12ga.....	#020HCD24	Pro Reach.....	Alliant Pro Reach powder	#018PRO*
Ched209.....	Cheddite 209 primer.....	#CH209	HCW*.....	.1/2" waxed hard card wad (*relevant gauge).....	#HCW**	PT1044.....	PT1044 wad, 10ga.....	na
Cheddite.....	Cheddite/MultiHull hull.....	#139****	Herco.....	Alliant Herco powder.....	#018050*	PT1205.....	PT1205 wad, 12ga.....	na
Cheddite (paper).....	Cheddite/MultiHull paper hull.....	#13912PAP	Hevi-Shot™.....	Hevi-Shot™ non-toxic shot	#05500**	PT1210.....	PT1210 wad, 12ga.....	na
Clays	Hodgdon Clays powder.....	#081010*	HS-6.....	Hodgdon HS-6 powder.....	#0810601	PT1215.....	PT1215 wad, 12ga.....	na
CLBC.....	Cushioned LBC wad, 12ga.....	#0729012	HV28.....	HV28 large-capacity wad, 28ga.....	#072HV28	PT1220.....	PT1220 wad, 12ga.....	na
COS12.....	Clear Overshot Disc, 12ga.....	#COS12	IMR 4227.....	IMR 4227 powder.....	na	PT1232.....	PT1232 wad, 12ga.....	na

Component Abbreviation Chart

PT1251.....	PT1251 wad, 12ga.....	na	SR-7625.....	IMR SR-7625 powder.....	na
PT1253.....	PT1253 wad, 12ga.....	na	SRC.....	Short Range Crusher wad, 12ga.....	#072SRC
PT1260.....	PT1260 wad, 12ga.....	na	SSW.....	Short Shell wad, 12ga.....	#072SSW
PT2090.....	PT2090 wad, 20ga.....	na	Stabili-Shock.....	Stabili-Shock Rubber Slug.....	#PEG12*
PT2091.....	PT2091 wad, 20ga.....	na	Steel™.....	Alliant Steel powder.....	#018070*
PT2092.....	PT2092 wad, 20ga.....	na	Stretch.....	Stretch wad, .410.....	#0724104
PT2093.....	PT2093 wad, 20ga.....	na	Stump.....	Stump wad, .410.....	#0724105
PT2094.....	PT2094 wad, 20ga.....	na	TC20.....	The Commander, 20ga.....	#020TC20
PT20GS.....	PT20GS gas seal, 20ga.....	na	Teflon.....	Teflon™ Wrap.....	#TEFLON
PT2895.....	PT2895 wad, 28ga.....	na	Titegroup.....	Hodgdon Titegroup powder.....	#081TG*
Pumpkin Ball Slug.....	Pumpkin Ball Slug, 10/12ga.....	#7000004	Titewad.....	Hodgdon Titewad powder.....	#081040*
Ranger Elite.....	Ranger Elite wad, 12ga.....	#32212RE	TPS1035.....	TPS 3 1/2" wad, 10ga.....	#3227704
Ranger Plus.....	Ranger Plus wad, 12ga.....	na	TPS1230.....	TPS 3" wad, 12ga.....	#3227702
Red Dot.....	Alliant Red Dot powder.....	#018020*	TPS1235.....	TPS 3 1/2" wad, 12ga.....	#3227703
Rem209.....	Remington 209 STS primer.....	#R209	TPS1275.....	TPS 2 3/4" wad, 12ga.....	#3227701
Rem. Nitro Mag.....	Remington Nitro Mag hull.....	na	TPS28.....	TPS shot wad, 28ga.....	#3222800
Rem. Nitro/STL.....	Remington Nitro/STL.....	na	TPS35mm.....	TPS 35mm wad, 12ga.....	#3227735
Rem. Premier.....	Remington Premier hull.....	na	TPS41mm.....	TPS 41mm wad, 12ga.....	#3227741
Remington.....	Remington hull.....	na	TPS410.....	TPS shot wad, .410.....	#3224100
Remington SP.....	Remington SP hull.....	na	TR12.....	Turkey Ranger wad, 12ga.....	na
Remington STS.....	Remington STS hull.....	na	Trim.....	trim component by specified amt.....	na
REX-24.....	Rex 24-Gram wad, 12ga.....	#072REX	TY34.....	Tyvek™ 3/4" 10ga patch.....	#TY34
Rio209.....	Rio 209 primer.....	#RIO209	TY58.....	Tyvek™ 5/8" 12ga patch.....	#TY58
Rio.....	Rio hull.....	#RIO*****	Unique.....	Alliant Unique powder.....	#018060*
Rio (Eley).....	Rio/Eley 2 1/2" hull.....	#RIO1265	Universal Clays.....	Hodgdon Universal Clays powder.....	#081030*
SF12.....	Spitfire wad, 12ga.....	#072SF12	Win209.....	Winchester 209 primer.....	#W209
SG16.....	Sporting 16 wad, 16ga.....	#072SG16	Win AA (original).....	Win AA old style, comp-formed hull.....	na
SG16S.....	Sporting 16 Short wad.....	#072SG16S	Win AA HS.....	Win AA "High Strength" hull.....	na
SG20L.....	Sporting 20 Long wad, 20ga.....	#072SG20L	Win. AA Lite.....	Winchester AA Lite powder.....	#235AA0*
SG20M.....	Sporting 20 Mid wad, 20ga.....	#072SG20M	Win. Universal.....	Winchester Universal (polyformed) hull.....	na
SG20S.....	Sporting 20 Short wad, 20ga.....	#072SG20S	Winchester 296.....	Winchester 296 powder.....	na
SG24.....	Sporting 24 wad, 24ga.....	#072SG24	Winchester Poly.....	Winchester Polyformed hull.....	na
SG28.....	Original Sporting 28 wad, 28ga.....	#072SG28	WSF.....	Winchester Super Field powder.....	#235030*
SG28-II.....	Sporting 28 II wad, 28ga.....	#072SG28S	WST.....	Winchester Super Target powder.....	#235020*
SG32.....	Sporting 32 wad, 32ga.....	#072SG32	X10X.....	X10X gas seal.....	#072X10X
SG410.....	Sporting .410 wad, .410.....	#072SG410	X12X.....	X12X gas seal.....	#322X12X
Shuttlecock Slug.....	Shuttlecock Slug, 12ga.....	#7000003	X Stream Spreader.....	X-Stream Spreader insert.....	#3220001
Solo 1000.....	Accurate/Scot Solo-1000 powder.....	#019100*	Z15.....	Trap Commander 15mm, 12ga.....	#020Z15
SPARK.....	Super Spark wad, 12ga.....	#072SPK	Z16.....	Field Commander, 16ga.....	#020Z16
SR-4756.....	IMR SR-4756 powder.....	na	Z21.....	Trap Commander, 12ga.....	#020Z21

Ballistic Laboratory Notes:

- The "Load" column will often indicate a specific shot size. This is a laboratory notation that tells you what shot size was actually used in the loads for the ballistic lab tests. You are not confined by this information to use that specific shot size. This information is provided only as a guideline for shot-fit and (potential) filler wad purposes; it tells the loader what to expect.
- **All unslit wads were slit prior to loading.** Number of slits may be varied to achieve desired effect. Slit 2 to 3 times for a tighter pattern and 5 or 6 for a more open pattern. Length of slits may also be altered. However, slits at least 3/4 the length of the wad are recommended for complete pellet release.
- Mica Wad Slick™ may be used in all loads prior to loading. Mica is a dry lubricant that eases insertion of wads into hulls, especially once-fired. Also provides a slight boost in velocity.
- Original Shot Buffer was used in lead loads. Mix #47 Buffer was used in steel shot and Hevi-Shot loads and BSB/ITX Buffer was used in ITX™ loads. Do not add buffer unless indicated by data.
- All powder charges listed in data are in grains and not grams. Buffer is listed in grains as well.
- Mylar™ wrap is coiled prior to inserting into the hull or shotcup. Cut Mylar™ wrap in half in instances where "1/2" is designated before the Mylar™ that is being used. Teflon™ wrap is also coiled and inserted into the hull prior to dropping the shot.
- + / - next to shot size indicates load was tested with the listed size and larger (+) or smaller (-). A dash (-) between shot sizes indicates load was tested with all sizes between the two listed.

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