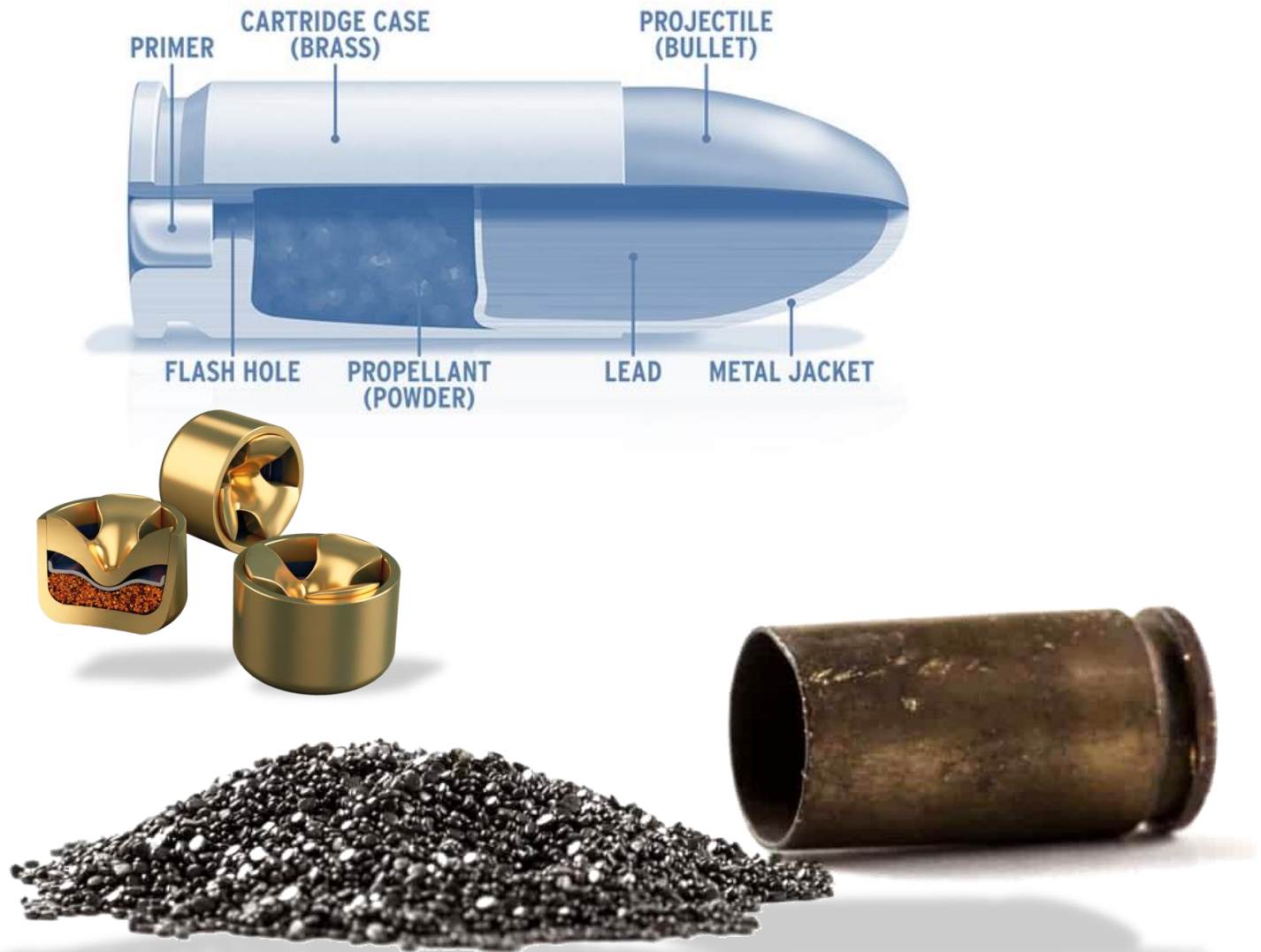






Case & Bullets



9x19mm brass cases and FMJ bullets that are compatible with SAAMI, CIP & NATO standards.

Both our cases and bullets are checked by manual gauges, compasses and most importantly, by optical inspection units.

9×19mm BRASS CASES

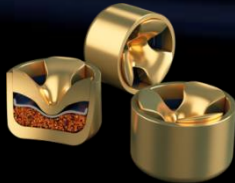
Caliber: 9x19mm
Material: Brass (CuZn30)
Primer type: Unprimed boxer
SAAMI Standards: SAAMI Z299.3-2015
CIP Standards: TAB IV DATE 84-06-14 REV.08-09-23



9x19mm FMJ BULLETS

Caliber: 9x19mm
Material & type: CuZn30 FMJ RN
Core: Lead-Antimony Alloy (Sb: max 2%)
Bullet weight: 115/124 gr.
Standards: Compatible with SAAMI, CIP & NATO standards





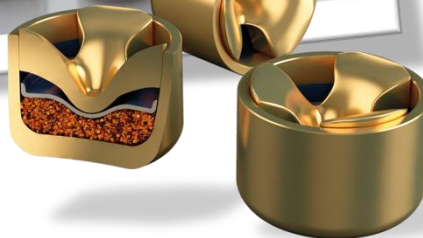
Primers (Small Pistols)



SPECS	4.4 FOR SMALL PISTOL	4.4 FOR 5.56X45MM
Technical Specification	STANAG 4090	STANAG 4172
Height	3.10-0,2 mm	
Thickness	0.42±0,02 mm	0.60±0,02 mm
Diameter	4.44+0,03 mm	
Anvil	2.25±0,05 mm	
Cover	0.10±0,03 mm	
Sealing	Included	
Mixture	0,023±0,002 g	

SENSITIVITY (BLAST TEST)		
Ball Weight	~ 55 G	~111,7 G
Exact Explosion Limit	H+5S ≥ 350 MM	H+5S ≥ 450 MM
Absolute Non-Explosion Limit	H - 2S ≤ 75 mm	
Pin Diameter	1,98MM	1,52MM
Pin Protrusion	MIN: 0,864 MAX: 0,939MM	MIN: 0,76 MAX: 0,99MM
Test in Cartridge Case	9X19	5,56 X 45

Primers (Pistols/Rifles)



Pistol primers

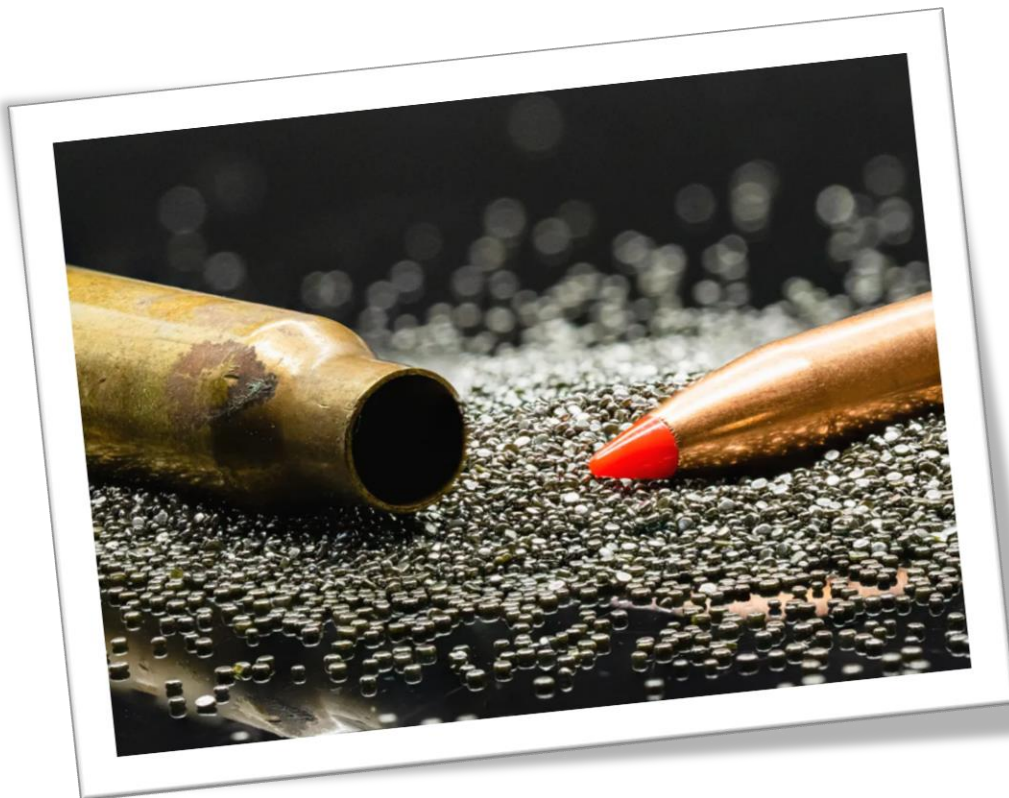
- Murom
- Unis Ginx
- Servicios
- Ruag

Rifle primers

- Murom
- Unis Ginx

209 shot shell
Small pistol
Small rifle
50 BMG

Rifle powder



Irbis/Sunnar 5.56

- 223 Rem
- 308 Win

Irbis/Sunnar 30-06/ 30-06 SM

- .7.62
- .30-06
- .338 Lm

Pistol powder



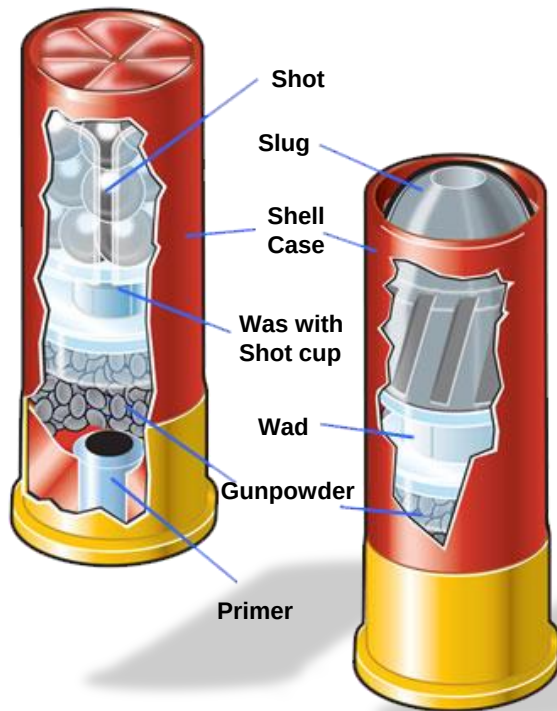
General Dynamics SS-8659

- 9mm;
- 38SPL
- 357 MAG
- 40 S&W
- 45 ACP

Maxam CSB-1

- .7.62
- 30-06
- .338 Lm

ShotShell



12 gauge primed hulls

20 gauge primed hulls

410 primed hulls

Military BALL POWDER Propellants listed in order of burn rate

Powder Designation	Cartridge	Powder Designation	Cartridge
SPI	Igniter Artillery	WC 856	.50 Cal. SLAP M903, SLAP-Tracer M962
OBP 126	.50 Cal. Blank M1A1	WC 857	.50 Cal. Tracer M17
SMP 545	5.56mm Grenade Launcher	WC 858	20mm HPT M54
WC 814	5.56mm Blank M200	WC 859	20mm Phalanx MK149
WC 818	7.62mm Blank M82	WC 860	.50 Cal. Ball M33
WC 815	60mm Mortar	WC 862	.50 Cal. Ball NATO
WC 819	81mm Mortar	WC 860 + CaCO₃	.50 Cal. Ball M33
WPR 260	5.56mm SRTA M862	SMP 860	.50 Cal. Ball M33
WPR 270	9mm NATO HPT	WC 863	120mm Mortar Main Charge
WPR 289	9mm NATO M882	WC 864	155mm MACS Igniter
WPR 293	9mm Subsonic	WC 866	20mm PIVAD M940
WC 294	25mm Air Burst	WC 867	20mm MPC PGU 28/B
WC 687	7.62 x 39mm Ball	WC 868	20mm Improved PGU 28/B
WC 816	120mm Mortar Igniter Propellant	WC 869	25mm M910 TPDS-T
WC 827	7.62mm SLAP M948, SLAP-Tracer M959	WC 872	20mm TP M55, HEI M56
SMP 842	5.56mm Non-toxic	SHP 831	25mm M919 and 105mm XM350 Low Zone
SMP 843	5.56mm Carbine	WC 886	25mm M791 APDS-T
WC 844	5.56mm Ball M193 & M855, Tracer M196	OBP 888	20mm ELC
WC 844T	5.56mm Tracer M856	WC 890	25mm HEI-T M792, TP-T M793
WCR 845	5.56mm Ball M855, Tracer M856, M995	SMP 795	25mm APEX
WC 846	7.62mm Ball M80, Tracer M62	SHP 832	30mm GAU/8A TP PGU15, API PGU14, API GU13
WC 846S	7.62mm Ball M80, Tracer M62	SMP 992	155mm MACS Decoppering Pellets
WC 846 + CaCO₃	7.62mm Ball M80	SHP 923	120mm IM HE-T
SMP 744	7.62mm Ball M80	SHP 941	5" Navy
SMP 849	7.62mm M80A1	SHP 944	155mm AGS
WC 855	30mm AAH TP M788, HEDP M789	SHP 947	105mm XM350 Mid-Zone
SMP 855	30mm AAH TP M788, HEDP M789	SHP 948	105mm XM350 High-Zone

