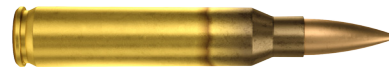


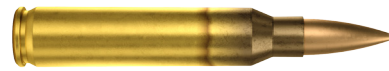
SNIPER 1



High precision cartridge for sniper application. Loaded with Sierra MatchKing bullets, the .223 REM HPBT 69 gr is designed for use in sniper rifles, as well as conventional weapons.

.223 REM 69 gr HPBT

NORMATIVE REFERENCE	PROJECTILE TYPE	PROJECTILE WEIGHT
ANSI/SAAMI Z-2299.4 – 1992	HPBT	4.47 g - 69 gr
WATERTIGHTNESS	SERVICE TEMPERATURE	SAFETY TEMPERATURE
YES	-20°C to +40°C -4°F to +104°F	-54°C to +71°C -65°F to 160°F



High precision cartridge for long range sniper application. Loaded with Sierra MatchKing bullets, the .223 REM HPBT 77 gr is designed for use in sniper rifles, as well as conventional weapons.

.223 REM 77 gr HPBT

NORMATIVE REFERENCE	PROJECTILE TYPE	PROJECTILE WEIGHT
ANSI/SAAMI Z-2299.4 – 1992	HPBT	4.99 g - 77 gr
WATERTIGHTNESS	SERVICE TEMPERATURE	SAFETY TEMPERATURE
YES	-20°C to +40°C -4°F to +104°F	-54°C to +71°C -65°F to 160°F



High precision cartridge for sniper application. Loaded with Sierra MatchKing bullets, the .308 HPBT 168 gr is designed for use in sniper rifles, as well as conventional weapons.

.308 WIN 168 gr HPBT

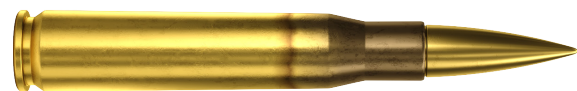
NORMATIVE REFERENCE	PROJECTILE TYPE	PROJECTILE WEIGHT
ANSI/SAAMI Z-2299.4 – 1992	HPBT	10.89 g - 168 gr
WATERTIGHTNESS	SERVICE TEMPERATURE	SAFETY TEMPERATURE
YES	-20°C to +40°C -4°F to +104°F	-54°C to +71°C -65°F to 160°F



High precision cartridge for long range sniper application. Loaded with Berger VLD bullets, the .308 HPBT 175 gr is designed for use in sniper rifles, as well as conventional weapons.

.308 WIN 175 gr HPBT

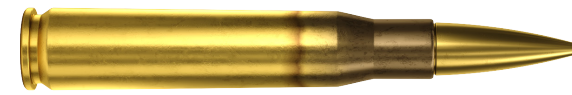
NORMATIVE REFERENCE	PROJECTILE TYPE	PROJECTILE WEIGHT
ANSI/SAAMI Z-2299.4 – 1992	HPBT	11.34 g - 175 gr
WATERTIGHTNESS	SERVICE TEMPERATURE	SAFETY TEMPERATURE
YES	-20°C to +40°C -4°F to +104°F	-54°C to +71°C -65°F to 160°F



Ball Solid Sniper is a high precision cartridge for long range shooting. It is designed for use in all 12.7 x 99 mm sniper rifles and guarantees precision of less than 1 MOA at 1000 m.

.50 BALL SOLID

NORMATIVE REFERENCE	PROJECTILE TYPE	PROJECTILE WEIGHT
NATO AEP-97 ED A V1	BALL SOLID	49.9 g - 770 gr
WATERTIGHTNESS	SERVICE TEMPERATURE	SAFETY TEMPERATURE
YES	-54°C to +52°C -65°F to +125°F	-54°C to +71°C -65°F to 160°F



AP Solid Sniper is a high precision armor-piercing cartridge for long range shooting against protected targets. It is designed for use in all 12.7 x 99 mm sniper rifles and guarantees precision of less than 2 MOA at 1000 m. It perforates 22 mm RHA steel plates at 100 m.

.50 AP SOLID

NORMATIVE REFERENCE	PROJECTILE TYPE	PROJECTILE WEIGHT
NATO AEP-97 ED A V1	ARMOR-PIERCING SOLID	50.15 g - 774 gr
WATERTIGHTNESS	SERVICE TEMPERATURE	SAFETY TEMPERATURE
YES	-54°C to +52°C -65°F to +125°F	-54°C to +71°C -65°F to 160°F

PRODUCT	VELOCITY AT 24m ¹ (m/s) / (ft/s)	ENERGY AT 24m (J)	BARREL LENGTH (mm) / (inch)	BARREL TWIST	POINT OF IMPACT (cm) / (inch)					PRECISION (MAX. MOA)	BALLISTIC COEFFICIENT	SECTIONAL DENSITY
					200 m	400 m	600 m	800 m	1000 m			
					.223 REM 69 gr HPBT	860 / 2822	1653	610 / 24"	TW7			
.223 REM 77 gr HPBT	800 / 2625	1597	610 / 24"	TW7	-18.8 / -7.4	-133 / -52.4	-400.8 / -157.8	-922 / -363.0	-1800 / -708.7	2	0.362	0.219
.308 WIN 168 gr HPBT	800 / 2625	3485	610 / 24"	TW12	-17.9 / -7.0	-121.9 / -48.0	-349.9 / -137.8	-761.6 / -299.8	-1442.7 / -568.0	1	0.462	0.253
.308 WIN 175 gr HPBT	800 / 2625	3629	610 / 24"	TW12	-17.7 / -7.0	-119.3 / -47.0	-338.4 / -133.2	-726.4 / -286.0	-1358.3 / -534.8	1.5	0.496	0.264
.50 BALL 770 gr SOLID	850 / 2789	18026	1143 / 45"	TW15	-14.35 / -5.6	-90.55 / -35.6	-238.5 / -93.9	-470.3 / -185.2	-800.4 / -315.1	1	1.018	0.44
.50 AP 774 gr SOLID	856 / 2808	18373	1143 / 45"	TW15	-14.2 / -5.6	-89.3 / -35.2	-235.1 / -92.6	-463.5 / -182.5	-788.5 / -310.4	2	1.018	0.442

¹ Temperature: 21°C (70°F)

