

#### 5.56mm M855 Ball

#### DODIC A059/A062/ A064/AA33

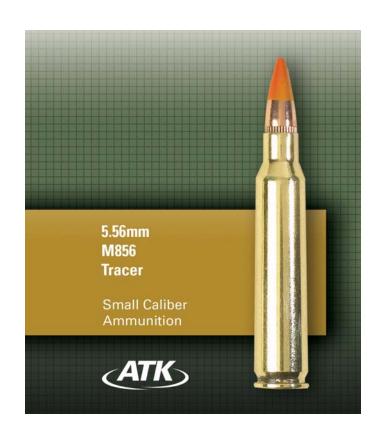
#### PHYSICAL DATA

#### PERFORMANCE DATA

The 5.56mm M855 has a green bullet tip. Adopted by NATO in 1980, the new load has a spitzer boattail bullet. It also has much improved penetration characteristics over the old M193 55-grain projectile at all ranges, resulting in higher retained velocity and greater accuracy at long range. The 5.56mm M855 is ideal for use in rifle M16A2, M4, and machine gun M249.

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## **5.56mm M856** Tracer

#### DODIC A063/A064

#### PHYSICAL DATA

 Height (max)
 .2.260 in

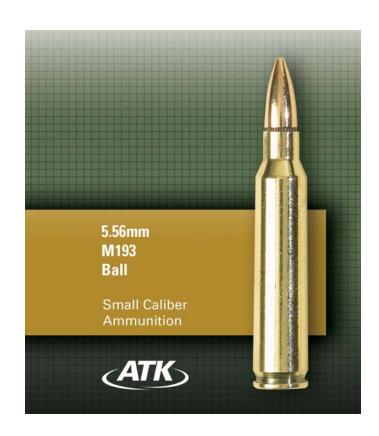
 Weight
 .192-14 grains

#### PERFORMANCE DATA

The 5.56mm M856 has an orange bullet tip, which permits observation of the round's trajectory to the point of impact. Because tracers use a burning compound to produce a visual trace, they have an incendiary effect. The 5.56mm M856 Tracer is efficient in signaling. Much like aerial flares, the rounds are effective in conveying pre-arranged signals between units and individuals, and can also be used to designate targets. The 5.56mm M856 is ideal for use in rifle M16A2, M4, and machine gun M249.

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#### 5.56mm M193 Ball

#### DODIC A066/A071

#### PHYSICAL DATA

Height (max) ........................2.260 in 

#### PERFORMANCE DATA

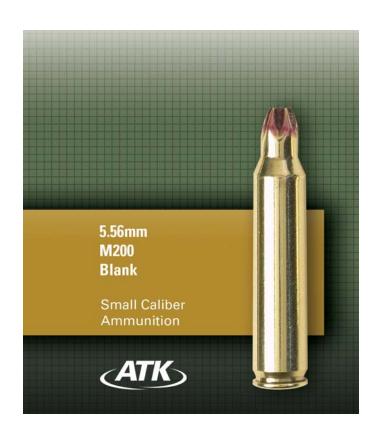
average at 200 yd

Action Time . . . . . . . . . . . . . . . . . 4 ms

The 5.56mm M193 has a plain tip. As the Centerfire Sporting, or 223 Remington, it first appeared in 1957 as an experimental military cartridge. In 1964, it was officially adopted by the U.S. Army as the 5.56mm Ball cartridge M193. The 5.56mm Ball M193 has proven to be an effective military cartridge for fighting in jungle or forested areas and for close-in fire support. The cartridge was first combat-tested in Vietnam in the early 1960s. It is used in rifles M16 and M16A1, M16A2, M4, and the port firing weapon M231.

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#### 5.56mm M200 Blank

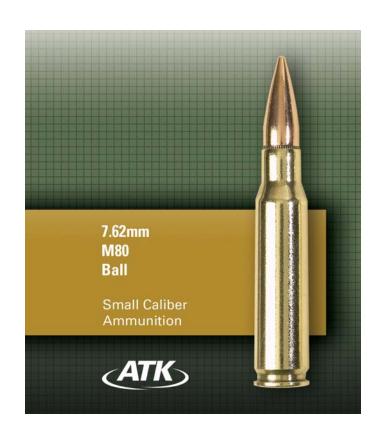
#### **DODIC A075/A080**

#### PHYSICAL DATA

The 5.56mm M200 has a purple lacquer on rosette crimp and knurl on the case body. This round is very popular for simulated firing in training exercises. It is ideal for use in rifles M16, M16A1, M16A2, M4, the port firing weapon M231, and the machine gun M249.

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#### 7.62mm M80 Ball

#### DODIC A143/A255/ A257/A131

#### PHYSICAL DATA

Height (max) ... 2.80 in
Weight ... 392-32 grains

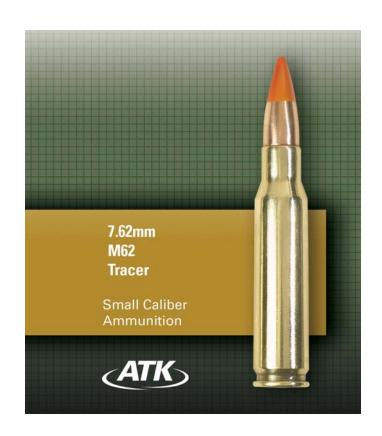
#### PERFORMANCE DATA

Muzzle Velocity ... 2,750  $\pm$  30 f/s at 78 ft
Accuracy ... Average mean radius = 7.5 in.
at 600 yd for link pack
Action Time (max) ... 4 ms

The 7.62mm M80 Ball has a plain bullet tip and is used against personnel and unarmored targets. The 7.62mm M80 is used in rifles M14, LAR, G3, L7A2; and machine guns M60, T65, M219, M134, M240, and Mle 1952.

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#### 7.62mm M62 Tracer

DODIC A131

#### PHYSICAL DATA

Height (max) ... 2.80 in Weight ... 383-29 grains

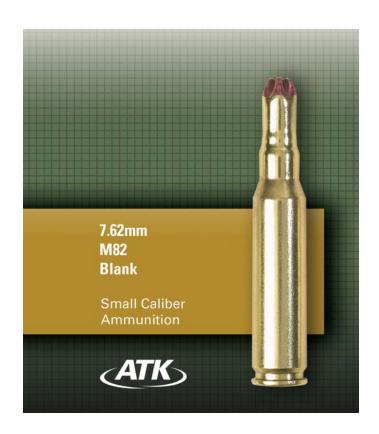
#### PERFORMANCE DATA

Action Time (max) . . . . . . . . 4 ms

The 7.62mm M62 tracer has an orange bullet tip that permits the observation of the bullet's trajectory to the point of impact. It is used in rifles M14, LAR, G-3, L7A2; and machine guns M60, T65, M219, M134, M240, and other compatible systems.

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#### 7.62mm M82 Blank

#### DODIC A111

#### PHYSICAL DATA

 Height (max)
 .2.595 in

 Weight
 .234.5-18.5 grains

#### PERFORMANCE DATA

Muzzle Flash Visible 100 yd from weapon

in darkness

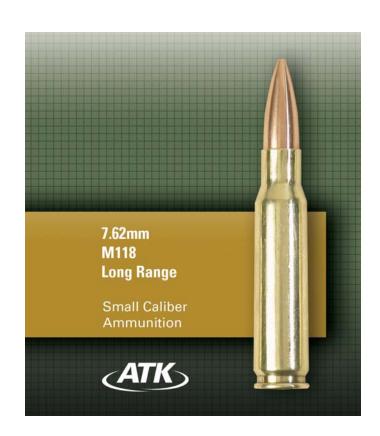
Screen Perforation ......max 1 in diameter at

15 ft from muzzle

The 7.62mm M82 is a blank cartridge with a purple laquer on a rosette crimp. The round is used to simulate firing in training exercises, and salute when equipped with blank firing attachments. The 7.62mm M82 is used in rifle 7.62mm and machine guns M60, M240, and M73 with a blank firing attachment.

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#### 7.62mm M118 Long Range

#### DODIC AA11

PHYSICAL DATA Height (max) ... 2.83 in Weight ... 390 grains

#### PERFORMANCE DATA

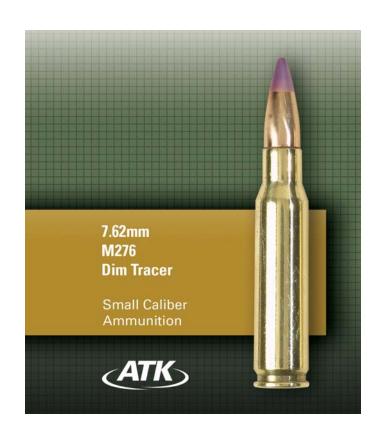
......Ave vert spread at 1,000

meters = 14 in

The 7.62mm M118 has a plain bullet tip, does not have a bullet cannelure, and its case mouth is not crimped. The 7.62mm Special Ball cartridge is intended and specifically prepared for use in weapons designated as competition or Sniper rifles.

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#### 7.62mm M276 Dim Tracer

#### DODIC A255/A257

#### PHYSICAL DATA

 Height (max)
 .2.80 in

 Weight
 .381-28 grains

#### PERFORMANCE DATA

Muzzle Velocity ... 2,750 ± 30 f/s at 78 ft, ... SD = 32 f/s

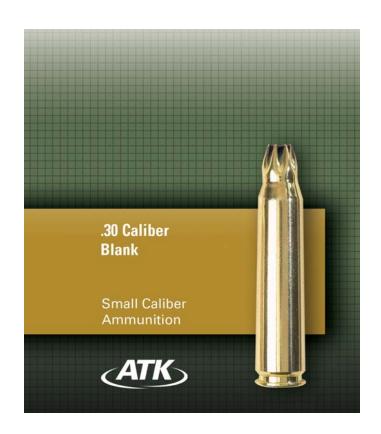
Accuracy ... Average mean radius = 15 in at 600 yd

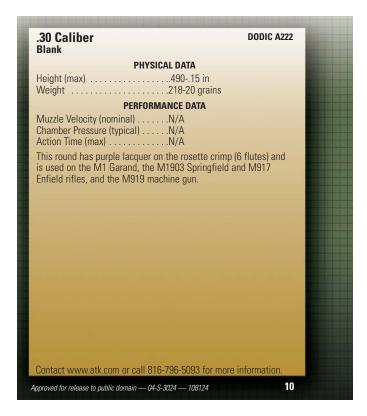
Action Time (max) . . . . . . . . . . . . 4 ms

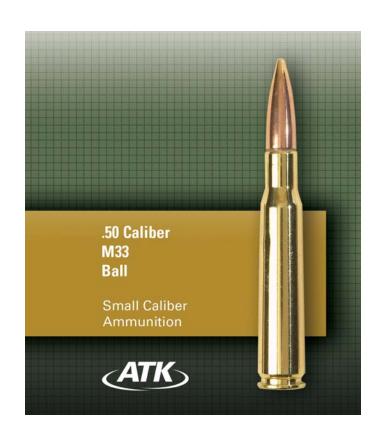
The 7.62mm M276 dim tracer has a violet bullet tip. It reduces the possibility of locating the weapon during night firing and is visible with night vision devices only. It is used in rifles M14, LAR, G-3, L7A2; and machine guns M60, T65, M219, M134, M240, and other compatible systems.

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#### .50 Caliber M33 Ball

#### DODIC A557/A555

#### PHYSICAL DATA

#### PERFORMANCE DATA

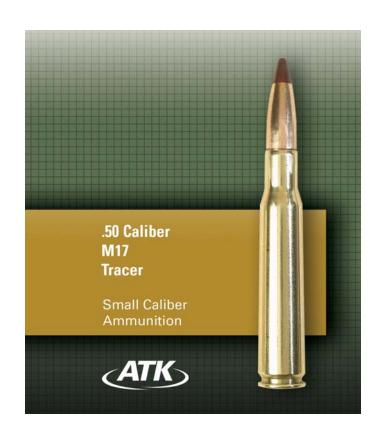
Muzzle Velocity (nominal) ... .2,910 ± 30 f/s
Chamber Pressure (typical) ... .55,000 psi
Action Time (max) ... .4 ms
Accuracy ... . Mean Radius = 12 in at

600 yd

The .50 cal M33 Ball has a plain bullet tip. The cartridge has been adopted and made by at least 30 countries, including the U.S., Britain, Canada, France, Belgium, Israel, Netherlands, Japan, Singapore, and Taiwan. The cartridge has a soft steel core bullet and is mainly used for practice. It is used in machine guns M2, M3, and M85.

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## .50 Caliber M17

DODIC A557

Tracer

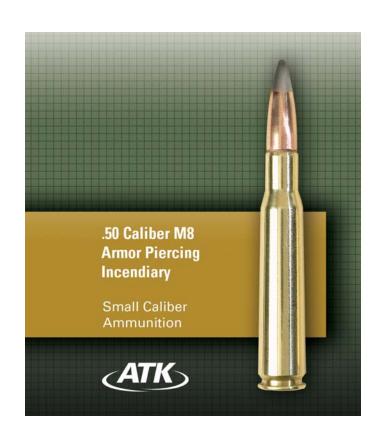
#### PHYSICAL DATA

#### PERFORMANCE DATA

The .50 cal M17 has a brown bullet tip. The round is intended for use on full-sized ranges and is produced to meet a U.S. military specification. It produces a red trace and is used against unarmored targets. The .50 cal M17 is used in machine guns M2, M3,

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#### .50 Caliber M8 **Armor Piercing Incendiary**

#### DODIC A576

#### PHYSICAL DATA

Height (max) . . . 5.450 in Weight . . . 1,764.5-78.5 grains

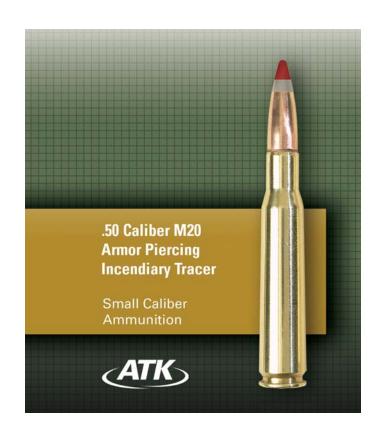
#### PERFORMANCE DATA

Muzzle Velocity (nominal) ... 2,910 ± 30 f/s
Chamber Pressure (typical) ... 55,000 psi
Action Time (max) ... 4 ms
Penetration ... Core min penetrates 87.5%
armor at 100 yd
Accuracy ... AMR = 12 in at 600 yd

The .50 cal M8 has an aluminum color bullet tip. The cartridge has a manganese molybdenum steel core, a point filler of incendiary composition, and a lead-antimony base seal. The .50 cal M8 is used against armored personnel vehicles and is used in machine guns M2, M3, and M85.

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#### .50 Caliber M20

#### DODIC A576

#### **Armor Piercing Incendiary Tracer**

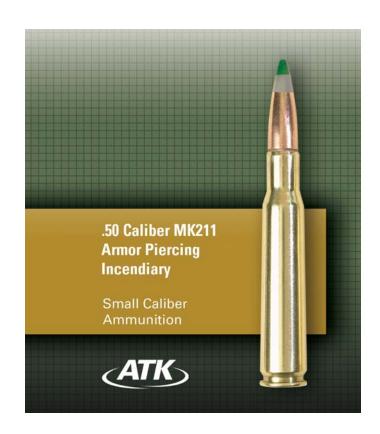
#### PHYSICAL DATA

#### PERFORMANCE DATA

The .50 cal M20 API-T has a red bullet tip with an aluminum color annulus. The bullet has a hardened steel core that produces a great deal of damage upon impact. The .50 cal M20 is used in machine guns M2, M3, and M85.

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#### .50 Caliber MK211 **Armor Piercing Incendiary**

#### DODIC A608

#### PHYSICAL DATA

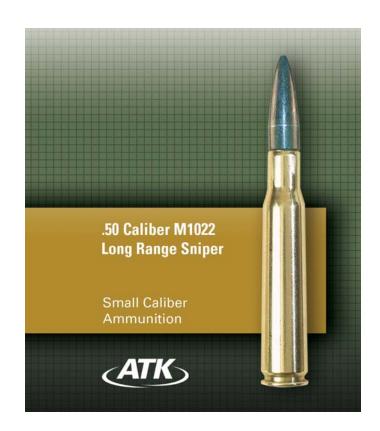
#### PERFORMANCE DATA

Muzzle Velocity (nominal) ... 2,910 ± 30/50 f/s
Chamber Pressure (typical) ... 55,000 psi
Action Time (max) ... 4 ms
Penetration ... Core min penetrates 87.5%
armor at 100 yd
Accuracy ... AMR < 6 in (grade A)

The .50 cal MK211 has a green bullet tip with an aluminum color annulus. This armor piercing bullet is designed to perforate or penetrate hardened or bullet resistant targets. The cartridge is used against armored personnel vehicles. The .50 cal MK211 ammunition is ideal for use in machine guns M2, M3, and M85; and SASR Barrett or M82 rifles.

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#### .50 Caliber M1022 Long Range Sniper

#### PHYSICAL DATA

#### PERFORMANCE DATA

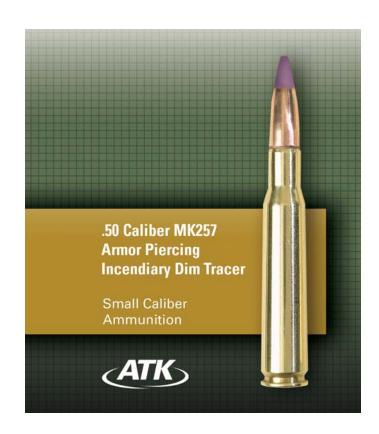
Muzzle Velocity (nominal) ... 2,910 ± 30/50 fps at 78 ft Chamber Pressure (typical) ... 55,000 psi Action Time (max) ... 4 ms

Accuracy ... AMR < 6 in at 600 yards < 1 MOA at 1,000 yards

The .50 Caliber M1022 has an olive green bullet coating with no tip ID coloration. The projectile is of standard ball design. It is designed for long-range sniper training and tactical use against targets that do not require armor piercing or incendiary effect. It exhibits superior long range accuracy and is trajectory matched to MK211 grade A. The M1022 is ideal for use in all .50 Caliber bolt action and semi-automatic sniper platforms.

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# .50 Caliber MK257 Armor Piercing Incendiary Dim Tracer

#### PHYSICAL DATA

#### PERFORMANCE DATA

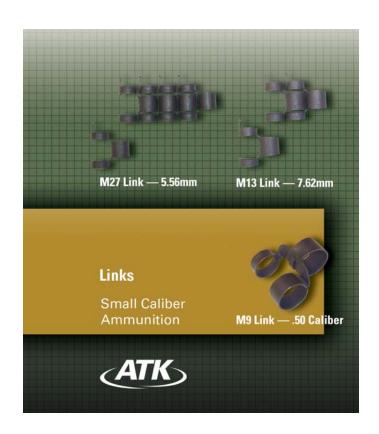
Trace ... 85% min, visible from 100 yd to 1,600 yd

Penetration ... min 87.5%; Penetrate 7/8 in armor at 100 yd

The .50 Caliber MK257 API-DT has a purple bullet tip. The bullet has a hardened steel core and incendiary tip. The .50 Caliber MK257 is used in machine guns M2, M3, and M85. Dim trace reduces the possibility of the weapon being located during night fire and is visible with night vision devices only.

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### **Ammunition Links - Small Caliber**

M27 Link — 5.56mm Gun System: M249 Squad Automatic Weapons System

M13 Link — 7.62mm Gun System: M60 M134 M219 M240

M9 Link — .50 Caliber Gun System: M2 Browning Heavy Barrel M3 Aircraft Mk218

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