

25mm M791 APDS-T
Armor Piercing Discarding Sabot with Tracer

DODIC A974

PHYSICAL DATA

Cartridge Length 223mm
Cartridge Weight 461g
Projectile Weight 149g
Propellant Weight 98.5g
Propellant Type Double Base/Multi Perf
Cartridge Case Length 137mm
Cartridge Case Material Steel
Primer M115 Percussion

PERFORMANCE DATA

Muzzle Velocity 1,345 m/s
Chamber Pressure (ambient) 454 MPa
Dispersion 0.44 x 0.44 mr
Penetration 25mm RHA @ 60° is 1300m
Trace Time 2.2 sec

The M791 APDS-T round possesses the superb accuracy and penetration necessary to defeat today's threats. Its high velocity, coupled with a low time of flight, ensures effective performance at extended ranges.

This round complies with NATO STANAG 4173, and is fired from any system using the M242 Bushmaster, KBA, M811, or GAU-12 weapon.

Contact www.atk.com or call 480-324-8729 for more information.

25mm
M792
HEI-T/SD

Medium Caliber
Ammunition



25mm M792 HEI-T/SD **DODIC A975**
High Explosive Incendiary with Tracer and Self-Destruct

PHYSICAL DATA

Cartridge Length	.223mm
Cartridge Weight	.505g
Projectile Weight	.185.6g
Propellant Weight	.98.5g
Propellant Type	Single Base/Multi Perf
Cartridge Case Length	.137mm
Cartridge Case Material	Steel
Primer	M115 Percussion
Fuze	M758 PSD

PERFORMANCE DATA

Muzzle Velocity	1,100 mps
Chamber Pressure (ambient)	.402 MPa
Dispersion	.0.77 x 0.77 mr
Trace Time	.6.0 sec

The M792 HEI-T/SD round offers the accuracy and lethality needed for light materiel, antipersonnel, and fire suppression roles. This round is fuze with the M758 Point Detonating Self-Destruct fuze, developed and produced exclusively by ATK.

This cartridge is certified by NATO per STANAG 4173 and is fired from any system using the M242 Bushmaster, KBA, M811, or GAU-12 weapon.

Contact www.atk.com or call 480-324-8729 for more information.

25mm
M793
TP-T

Medium Caliber
Ammunition



25mm M793 TP-T
Target Practice with Tracer

DODIC A976

PHYSICAL DATA

Cartridge Length223mm
Cartridge Weight489g
Projectile Weight184.7g
Propellant Weight98.5g
Propellant TypeSingle Base/Multi Perf
Cartridge Case Length137mm
Cartridge Case MaterialSteel
PrimerM115 Percussion

PERFORMANCE DATA

Muzzle Velocity1,100 m/s
Chamber Pressure (ambient)Max 402 Mpa
Dispersion0.77 x 0.77 mr
Trace TimeMin 3.5 sec

The M793 TP-T is a low-cost target practice cartridge, ballistically matched to the M792 HEI-T and the MK210 HEI-T round. It is certified by NATO per STANAG 4173 (NATO design AC/225-161A).

The cartridge is fired from any system using the M242 Bushmaster, KBA, M811, or GAU-12 weapon.

Contact www.atk.com or call 480-324-8729 for more information.

25mm
M910
TPDS-T

Medium Caliber
Ammunition



25mm M910 TPDS-T
Target Practice Discarding Sabot with Tracer

DODIC A940

PHYSICAL DATA

Cartridge Length 223mm
Cartridge Weight 419g
Projectile Weight 98.8g
Propellant Weight 98.5g
Propellant Type Single Base/Multi Perf
Cartridge Case Length 137mm
Cartridge Case Material Steel
Primer M115 Percussion

PERFORMANCE DATA

Muzzle Velocity 1,520 mps
Chamber Pressure (ambient) 454 MPa
Dispersion 0.40 x 0.40 mr
Trace Time 4.0 sec

The M910 TPDS-T training cartridge specifically matches the trajectory of the M791, but with a desired range limit of 8,000 meters, maximum.

The M910 cartridge is certified by NATO per STANAG 4173 and is fired from any system using the M242 Bushmaster, KBA, M811, or GAU-12 weapon.

Contact www.atk.com or call 480-324-8729 for more information.

25mm
PGU-25 HEI
PGU-23 TP

Medium Caliber
Ammunition



25mm PGU-25 HEI/PGU-23 TP
High Explosive Incendiary/Target Practice

DODIC A982/A978

PHYSICAL DATA

Cartridge Length 223mm
Cartridge Weight 493g/289g
Projectile Weight 180g/185g
Propellant Weight 98g/98.5g
Propellant Type Single Base
Cartridge Case Length 137mm
Cartridge Case Material Steel
Primer M115 Percussion
Fuze PGU-25: M505 PD

PERFORMANCE DATA

Muzzle Velocity 1,100 m/s
Chamber Pressure (ambient)402 Mpa
Dispersion 0.77 x 0.77mr

The PGU-25 HEI round is procured by the U.S. Navy for use on the AV-8/B Harrier and AC130 Gunship. This round uses the M505 point detonating fuze. It complies with NATO STANAG 4173 and can be fired from any system using the M242 Bushmaster, KBA, M811, or GAU-12 weapon.

The PGU-23 TP is a low-cost, untraced target practice cartridge, ballistically matched to the PGU-25 HEI round.

Contact www.atk.com or call 480-324-8729 for more information.

25mm
PGU-32/U
SAPHEI-T

Medium Caliber
Ammunition



25mm PGU-32/U SAPHEI-T
Semi-Armor Piercing High Explosive
Incendiary with Tracer

PHYSICAL DATA

Cartridge Length223mm
Cartridge Weight502g
Projectile Weight185g
Propellant Weight98.5g
Propellant TypeSingle Base/Multi Perf.
Cartridge Case Length137mm
Cartridge Case MaterialSteel
PrimerM115 Percussion
FuzePyrotechnically Initiated

PERFORMANCE DATA

Muzzle Velocity1,100 m/s
Chamber Pressure (ambient)425 Mpa
Dispersion0.77 x 0.77 mr
Penetration13mm RHA @ 30° 1,000m
Trace Time5.5 sec

The 25mm SAPHEI-T round provides aerial and surface gun platforms with improved effectiveness against soft and light armored targets. This round is qualified for use on the AV-8/B Harrier and the MK38 Navy platforms. Potential applications also include armored fighting vehicles. It complies with NATO STANAG 4173 and can be fired from any system using the M242 Bushmaster, KBA, or GAU-12 weapon.

Contact www.atk.com or call 480-324-8729 for more information.

30mm
PGU-13/B
HEI

Medium Caliber
Ammunition



30mm PGU-13/B HEI
High Explosive Incendiary

PHYSICAL DATA

Cartridge Length290mm
Cartridge Weight681g
Projectile Weight378g
Propellant Weight150g
Propellant TypeSingle Base
Cartridge Case Length173mm
Cartridge Case MaterialAluminum
PrimerM36A2 Percussion
FuzeM505 PD

PERFORMANCE DATA

Muzzle Velocity1,020 m/s
Chamber Pressure (ambient) ...423 MPa
Dispersion0.6 x 0.6 mr

The primary role of the PGU-13 HEI cartridge is the defeat of light materiel targets. As an added advantage, it incorporates extended-range incendiary capability against flammable targets.

The 30mm PGU series is currently in use with the 30mm GAU-8/A Gatling gun on the U.S. Air Force A-10 close-support aircraft.

Contact www.atk.com or call 480-324-8729 for more information.

30mm
PGU-14A/B
API

Medium Caliber
Ammunition



30mm PGU-14A/B API
Armor Piercing Incendiary

PHYSICAL DATA

Cartridge Length290mm
Cartridge Weight694g
Projectile Weight272g
Propellant Weight150g
Propellant TypeSingle Base
Cartridge Case Length173mm
Cartridge Case MaterialAluminum
PrimerM36A2 Percussion

PERFORMANCE DATA

Muzzle Velocity1,013 m/s
Chamber Pressure (ambient)423 Mpa
Dispersion0.6 x 0.6 m

The PGU-14 API has the kinetic energy needed to defeat armor. Its projectile possesses a high-density penetrator and demonstrates the follow-through fragmentation and pyrophoric effects for maximum effectiveness.

The 30mm PGU series is currently in use with the 30mm GAU-8/A Gatling gun on the U.S. Air Force A-10 close-support aircraft.

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