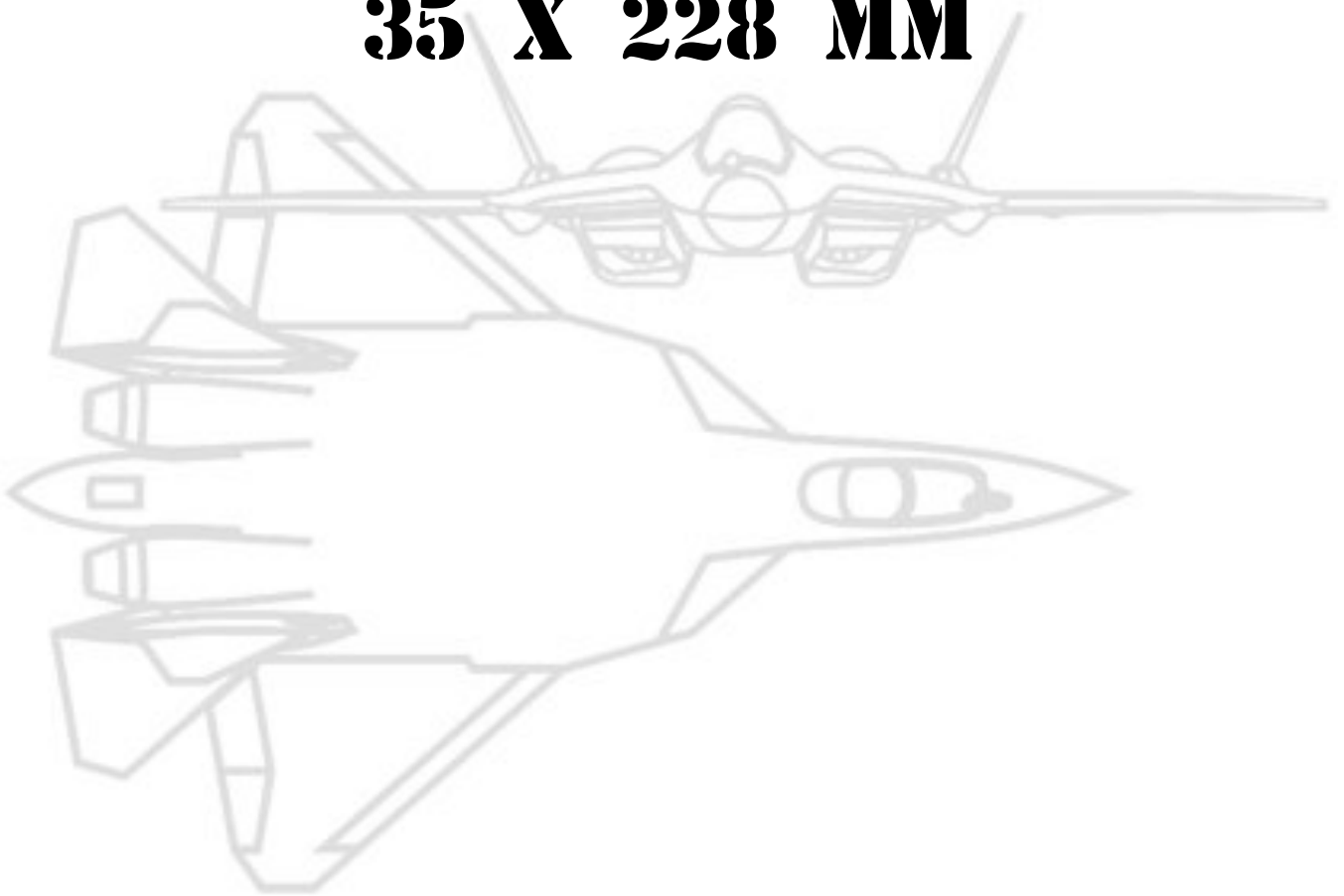


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**AMMUNITION
35 X 228 MM**



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GENERAL



The 35X228 mm ammunition was primarily developed to effectively counter modern aircraft targets in the AIR-TO-AIR and AIR-TO-GROUND roles.

The range of fuses allow the rounds to penetrate well into the target before detonating thereby causing maximum damage due to overpressure, blast, fragmentation and incendiary effects. The fuses comply to all MIL-331-A safety requirements and have an extended muzzle safety distance of 8 meters.



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ORDNANCE

Applicable weapons / cannons 35 mm: KDB, KDC, KDF,
GDF SERIES (GDF-001, GDF-002, GDF-005), GEPARD (KDA)



TYPES OF ROUNDS 35X228 MM PRODUCED

The range of ammunition comprises:

TP	Target Practice
TP/P	Target Practice Tracer
HEI	High Explosive Incendiary (NOSE FUSE)
HEI-T	High Explosive Incendiary Tracer (NOSE FUSE)
SAPHEI	Semi Armour Piercing High Explosive Incendiary
APCI	Solid Cored Armour Piercing Incendiary
APCI-T	Solid Cored Armour Piercing Incendiary Tracer

Depending on the type of targets to be engaged these rounds may be belted as mixed types to ensure optimal terminal effects. Examples of mixes are:-

Air-to-Air - 1 HEI, 1 SAPHEI or left hand belt HEI and Right hand belt SAPHEI

Air-to-Ground - Anti-personel - HEI

Medium targets - HEI and SAPHEI

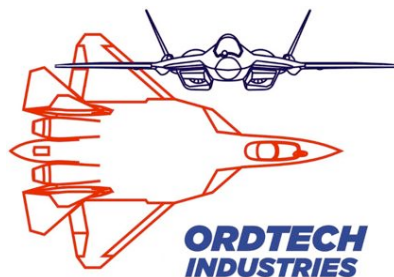
Hard targets - SAPHEI and APCI / APCI-T



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SPECIFICATIONS 35X228 mm AMMUNITION

Round Length	387 mm
Cartridge Case Length	228 mm
Round Mass	447 g
Projectile Mass	550 g
Shell Mass (Filled and Fuzed)	1570 g
Muzzle Velocity	1175 m/s
Driving Band	Soft Iron
Primer Cap Type	Electric
Chamber Pressure Maximum	450 MPa
Chamber Pressure Mean	420 MPa
Cartridge Case Material	Steel
Fuze Action	Impact
Fuze Arming Distance	40 m
Fuze Self Destruct Time	6-16 s
Penetration APCI-T	100 mm at 1000 m
Penetration SAPHEI	12 mm at 1000 m
Packing	24 linked rounds in a box (mass: 44 Kg) dimensions: 45 cm x 35 cm x 30 cm One 20 ft container takes 420 boxes
Hazard Class	1.2G UN # 0093



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