

23x152 mm Round FAPDS-T
Frangible Armor Piercing Discarding Sabot w/
Tracer

NSN:1305-50-000-5645

The Rounds are compatible with 23 mm ADS / ADS-N / ZU-23-2 / ZU-23-2F and ZSU-23-4
 Intended to defeat air targets, ground unarmored and light armored vehicles.

TECHNICAL DATA	FAPDS-T
Caliber	23 x 152
Projectile type	Frangible Armor Piercing Discarding Sabot with Tracer
Round length, mm/in	max 236 mm / 9.2 in
Round weight, g/oz	approx. 410 g / 14.4 oz.
Projectile weight, g/oz	approx. 143 g / 5 oz.
Primer	KV No3
Tracer burning time, s	not less than 2.1seconds
Average muzzle velocity, $V_{o\text{aver}}$, m/s	1100±20
Average max Pressure at 15°C/59°F $P_{\text{max}\text{aver}}$, MPa/PSI	not more than 286.94 MPa / 41,190 PSI
Penetration of the armor plate, at angle 45° NATO: (armor plate: RHA-ARMOX 370S) mm/in.	- at distance 200 m = 30 mm / 1.1 in. - at distance 1 000 m = 28 mm / 1.1 in. - at distance 2 000 m = 21 mm / 0.82 in.
Propellant type	NC single base
Case material	steel
Operational temperature range, °C/°F	from -50°C to 50°C / -58°F to 122°F
CLASS OF EXPLOSION HAZARD	1.2C; UN 0328

PACKING	FAPDS-T
Number of rounds in one wooden case	84 rounds 28 pcs packed in a metal airtight box 3 pcs. metal box in a wooden case
Wooden case dimensions, mm/in	875 x 398 x 206 mm / 34.4 x 15.6 x 8.1 in
Gross weight, kg/lbs.	51 kg / 112.4 lbs.
Volume, m ³	0.072 m ³



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