



105mm

M420/4 TPCSDS-T Tank Cartridge

- The 105-mm Target-Practice Cone-Stabilized Discarding-Sabot Tracered (TPCSDS-T) cartridge is used for training to simulate KE munitions with the L7, M68 or F1 tank guns
- The 105-mm TPCSDS-T M420/4 round employs a unique conestabilizer concept to reduce the safety zone required for tank gunnery, and it allows practice firing in short-range training areas
- The M420/4 has a similar trajectory to that of the combat APFSDS-T round M426 (DM63) - up to a range of 2000 meters. The Firing Tables of the combat M426 (DM63) round can be used for this training round



Characteristics

Cartridge:

Weight.....	16.8 kg
Length.....	885 mm
Cannon used.....	M68, L7, F1 or equivalent

Ballistic Performance:

Muzzle velocity.....	1,630 m/s
Accuracy (Typical S.D).....	0.2x0.2 mil
Training range.....	up to 2 km
Safety range (10° elevation).....	7.5 Km
.Temperature limits.....	Storage.....-40°C to +63°C
	Firing.....-40°C to +52°C

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