

105 MM TPCSDS-T G 141

The **105 mm TPCSDS-T** is a training cartridge with a unique cone stabilizer concept that reduces the safety zone required for tank gunnery practice in short-range training areas, with a **safety range of 7.5km**. The TPCSDS-T range is **up to 2km**.

The cartridge is designed for use with M68, L7, F1 or equivalent guns (NATO STANAG 4458). The M420/4 is type classified by the IDF and other users.

The projectile consists of a sub-projectile and sabot. The sub-projectile comprises a ConeStabilized steel rod and a tracer assembled in the cone assembly. The sub-projectile is contained in a 3-piece aluminum DiscardingSabot, held in place with a polymer band at the forward end and a polymer obturating band at the rear end of the sabot. The projectile is crimped to the cartridge case, which is loaded with cool burning, multi-perforated, loose propellant, and is fitted with an electric primer and a wear-reducing liner.



TECHNICAL CHARACTERISTIC

ROUND		BALLISTIC CHARACTERISTICS	
Type:	Crimped	Muzzle speed:	1,610 m/s
Model:	G-141	Chamber pressure:	≤ 3,600 MPa
Length:	912 mm	Precision:	≤ 0.35 ⁰⁰
Mass:	15.7 kg		
PROJECTILE		PRESENTATION OF THE PRODUCT	
Type:	TPCSDS-T G 141	1 round in watertight carboard case	
Subprojectile:	Steel core (Blue painted)	2 cardboard cases in wooden case	
Envelope:	3 discarding sabot		
Marks:	White	Cases with 2 rounds:	
Mass:	3,925 g	• Weight:	50.4 kg
		• Length:	1,180 mm
		• Width:	364 mm
		• Height:	221 mm
		• Volume:	0,093 m ³
PRIMER		Pallets with 24 rounds:	
Type:	Electric	• Weight:	625 kg
Model:	1¼"x378 mm	• Length:	1,200 mm
Load:	40 g black powder	• Width:	1,100 mm
		• Height:	1,030 mm
		• Volume:	1.36 m ³
PROPELLING CHARGE		CLASSIFICATION	
Type:	Single base	ONU No.:	0328
Designation:	B19T	Group:	1.2 C
Characteristics:	Cyl. multiperforated 19 holes		
Mass:	5.4 kg		