

## TECHNICAL SPECIFICATIONS AND BASIC CHARACTERISTICS

### PKT General-Purpose Machine Gun cal. 7,62x54R

**Main Characteristics:** The PK is a general-purpose machine gun chambered for standard 7.62x54R MG ammunition designed in the Soviet Union and currently in production in Russia. The original PK machine gun was introduced in 1961 and then the improved PKM as an infantry model and PKT as for armored vehicles installation, in 1969. It remains in use as a front-line infantry and vehicle-mounted weapon with various countries armed forces. As a light-weight effective infantry and mounted automatic support weapon it is installed on various armored vehicles such a BTR series of APC vehicles, the BRDM-2 armoured recon car, BMP-1 and BMP-2 IFVs, OT-64 APC and OT-90 IVF of Czechoslovakia production, MTLB multi-purpose vehicles as well as on the MBTs of older generation (T-54/55, T-62/64, T-72/84 etc). The PK(T) machine gun series is an open bolt design, which improves heat management during automatic fire compared to closed bolt designs. The gas cylinder is mounted under the barrel and fitted with a gas regulator with three fixed positions. The barrel of the PKT machine gun can be quickly changed by the using of the carry handle/grip oriented on the left side of the barrel. The barrel bore is chrome-plated for high accuracy during shooting and high operational life. The trigger assembly is suitable only for the automatic fire - it has no single shot mode. The PKT modification is a solenoid-fired coaxial version of PK machine gun. Modifications include the removal of the stock, a longer and heavier barrel, a gas regulator and an electric solenoid trigger. The PKT installed in the armored vehicle's turret is usually fed from the detachable 250-round ammunition boxes.



PKT General-Purpose Machine Gun Basic Tactical-Technical Characteristics	
<b>Machine gun Type</b>	Automatic General-Purpose Machine Gun
<b>Machine gun Producer</b>	Degtyarev plant – Russia (Former Soviet Union)
<b>Caliber/Cartridge</b>	Standard 7,62x54R
<b>Weight of weapon</b>	10,5 kg (without magazine & support), 12,8 kg (with vehicle mount)
<b>Weapon Length</b>	1 098 mm
<b>Barrel Length</b>	772 mm
<b>Magazine capacity</b>	Belt-fed with 250 round belts (detachable big box magazine)
<b>Rate of Fire</b>	700 – 800 rounds/min (theoretical), 250 rounds/min (practical)
<b>Muzzle velocity</b>	855 m/s
<b>Max. effective range</b>	1.500 m

#### Standard Weapon Equipment & Accessories:

- Machine gun with mono-barrel breech assembly
- 1 pc of electro-magnetic vehicle firing device
- 5 pcs of Large ammo boxes with 250-rounds belts
- 1 pc of water-proof flash dispenser protective cap
- 1 pc of replaceable spare barrel with hand-grip
- 1 pc of cleaning-kit and tool-kit Carrying bag
- 1 pc of Standard cleaning kit incl. cleaning rod, brush, oilcan and rag
- Hand-operated belt loader (1 pc per 4 pcs of Machine gun)

