

# .50CAL 12.7MM Ammunition



MUNITIONS

SMALL CALIBER

General Dynamics Ordnance and Tactical Systems-Canada has manufactured hundreds of millions of small caliber cartridges over its century of existence. The 12.7mm (.50 caliber) has been in production since WWI.

General Dynamics produces six types of 12.7mm machine gun cartridges summarized in the table below.

	<b>Cartridge Natures</b>	<b>Projectile Weight (g)</b>	<b>Muzzle Velocity (m/s)</b>	<b>Tracer Distance (m)</b>
✦	12.7mm C162 Ball	45.3	875	n/a
✦	12.7mm C163 Tracer	45.3	875	1,500
	12.7mm AP	49.0	845	n/a
	12.7mm RRA	45.0	895	n/a
	12.7mm RRA-T	45.0	895	1000
	12.7mm SRTA	36.0	950	n/a





### **✦ NATO CARTRIDGES**

Both the C162 ball and C163 tracer cartridges are NATO qualified.

Projectiles use a single steel core penetrator nested inside a guiding jacketed. The C163 trace projectile traces out to a minimum of 1500m.



### **Armor Penetration (AP) Cartridges**

General Dynamics currently manufactures the Armor Penetration (AP) cartridges. The AP projectile is a guiding metal jacket filled with a hard steel core. It is designed to penetrate a 22mm armor plate placed at 400m from the muzzle of the weapon. The AP cartridge is ballistically matched to standard 12.7mm cartridges.

### **Reduced Range Ammunition**

General Dynamics manufactures the RRA and RRA-T reduced range cartridges. For more information on these products please visit [www.gd-otscanada.com](http://www.gd-otscanada.com).

### **Short Range Training Ammunition (SRTA)**

Through their Always on Target® product line, General Dynamics Ordnance and Tactical Systems-Canada manufactures a 12.7mm short range training cartridge. For a detailed description of this innovative product please go to [www.always-on-target.com](http://www.always-on-target.com).

### **Sniper Ammunition**

General Dynamics manufactures a family of 12.7mm Sniper cartridges. For more information on these products please visit [www.gd-otscanada.com](http://www.gd-otscanada.com).

### **Packaging**

Cartridges can be packed to meet customer requirements. Current packaging configurations are mainly for machine gun use, with M9 links packed in metal containers.