The General Dynamics Ordnance and Tactical Systems 25mm Tungsten Armor Piercing Fin Stabilized Discarding Sabot-Tracer (APFSDS-T) provides superior defeat capability over the M791 APDS-T round for the Bradley Fighting Vehicle. The long rod tungsten penetrator, of this highly effective anti-armor round, has excellent penetration characteristics with minimal dispersion. It is capable of defeating a wide array of target sets, including most modern armored infantry vehicles and armored personnel carriers.

- Fully compatible with all platforms using the M242 and KBA-B02 25 x 137mm gun system
- Cost-effective, utilizing common ammunition components of volume-produced 25mm Bushmaster ammunition
- Significant standoff armor defeat capability, high reliability and high first round hit probability
- Significantly improved range and penetration over existing conventional APDS ammunition

**25MM TUNGSTEN APFSDS-T**
Armor Piercing Fin Stabilized Discarding Sabot-Tracer

*GENERAL DYNAMICS*
Ordnance and Tactical Systems
Designed to counter the growth in threat targets, the 25mm Tungsten APFSDS-T cartridge offers a replacement to the standard Bushmaster M791 APDS-T cartridge. The 25mm Tungsten APFSDS-T cartridge is a long rod penetrator that offers:

- Higher muzzle velocity
- Significant increase in armor penetration
- Improved standoff range
- Barrel wear equivalent to other fielded U.S. Army 25mm ammunition
- Increased gun system life and reduced replacement costs
- Improved accuracy and lethality at long range

These features greatly enhance light armored vehicles and armored fighting vehicles utilizing 25mm x 137 gun systems.

### Technical Data

<table>
<thead>
<tr>
<th>Cartridge Weight</th>
<th>457 gm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primed Case</td>
<td>224 gm</td>
</tr>
<tr>
<td>Projectile</td>
<td>134 gm</td>
</tr>
<tr>
<td>Subprojectile</td>
<td>98 gm</td>
</tr>
<tr>
<td>Propellant</td>
<td>99 gm</td>
</tr>
<tr>
<td>Cartridge Length</td>
<td>223 mm</td>
</tr>
<tr>
<td>Projectile Muzzle Velocity</td>
<td>1390 m/sec</td>
</tr>
<tr>
<td>Chamber Pressure (P + 3SD) at 21°C</td>
<td>&lt;454 MP/a</td>
</tr>
</tbody>
</table>

### Maximum Range

<table>
<thead>
<tr>
<th>Maximum Range Meter/Elevation (degrees/mils)</th>
<th>Tracer Visibility Range Meters</th>
<th>Dispersion X mils by Y mils maximum</th>
<th>Trajectory Match to 25mm APFSDS-T</th>
</tr>
</thead>
<tbody>
<tr>
<td>17,289/(45.52º /809.17mils)</td>
<td>2,000</td>
<td>.44 X .44</td>
<td>Range Meters: NA Delta Drop mils: NA</td>
</tr>
</tbody>
</table>

**Diagram:**

- Nose Cap
- Windscreen
- Sabot
- Tungsten Penetrator
- Obturator
- Fin
- Tracer
- Propellant
- Flash Tube
- Primer