



Cal. 7.62x51mm

API, APT

Cal. 7.62x51mm | BALLISTIC DATA

Cal. 7.62x51mm with bullet	Energy (J) at 24 m from the muzzle	V _{23,77} (m/s)	P+3Sd (bar)	Accuracy Sdx/Sdy (cm) at 550 m	Tracer visibility
API	<i>min. 2756</i>	<i>833,6 ± 9,14</i>	<i>max. 4450</i>	<i>max. 30</i>	-
APT	<i>min. 2756</i>	<i>812,3 ± 9,14</i>	<i>max. 4450</i>	<i>max. 30</i>	<i>Dim trace to min. 13 m from the weapon, visible from max. 140 m to min. 775 m from the weapon</i>

Used for 7.62x51mm weapon caliber

Penetration API, APT: The bullet shall demonstrate complete penetration of 6 mm thick armour plate, min 420 HB, located 100 meters from the weapon.

Penetration API: At 100 m, the incendiary composition of bullets shall ignite cloth soaked in petrol located behind the armour plate.

Cal. 7.62x51mm | TECHNICAL DATA

Element		Material		Weight (g)		Length (mm)	
		API	APT	API	APT	API	APT
Bullet	<i>Jacket</i>	<i>Tombac</i>	<i>Tombac</i>	<i>8,75</i> <i>(135 gr)</i>	<i>8,70</i> <i>(134 gr)</i>	<i>32,20</i>	<i>35,00</i>
	<i>Core</i>	<i>Lead antimony and steel</i>	<i>Lead antimony and steel</i>				
	<i>Tracer mixture</i>	-	<i>Tracer compos.</i>				
	<i>Cup, closure</i>	-	<i>Tombac</i>				
	<i>Filler, point</i>	<i>Incend. compos.</i>					
	<i>Tube</i>	<i>Lead antimony</i>	<i>Tombac</i>				
Cartridge case		<i>Brass</i>		<i>-11,50</i>		<i>51,18</i>	
Propelling charge		<i>Spherical powder</i>		<i>-2,80</i>		-	
Primer		<i>Boxer non-corrosive</i>		<i>0,34</i>		<i>3,30</i>	
Cartridge				<i>Average Q (100) ± 1 g</i>		<i>71,12</i>	

Cal. 7.62x51mm | PACKAGING

Version 1	Version 2
<ul style="list-style-type: none"> • 20 rounds in cardboard box • 28 cardboard boxes (560 rounds) in metal box M2A1 • 2 metal boxes (1120 rounds) in wooden crate 	<ul style="list-style-type: none"> • 20 rounds in cardboard box • 10 cardboard boxes (200 rounds) in PVC bag • 5 PVC bags (1000 rounds) in carton case