



# **Cal. 12.7x108mm**

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B32 API, BZT44 API,  
Ball, AP, Tracer

## Cal. 12.7x108mm | BALLISTIC DATA

Cal. 12.7x108mm with bullet	V <sub>23,77</sub> (m/s)	P (bar)	Accuracy mean radius (cm) at 300 m	Tracer visibility
B32 API	810 - 825	max. 3040	max. 20	-
BZT44 API	810 - 825	max. 3040	max. 20	Visible trace not less than 1000 m from the weapon
Ball	810 - 825	max. 3040	max. 20	-
AP	810 - 825	max. 3040	max. 20	-
Tracer	810 - 825	max. 3040	max. 20	Visible trace not less than 1200 m from the weapon

Used for 12.7 x 108mm caliber weapon

Penetration B32 API, AP: The bullet shall demonstrate penetration 22 mm thick armour plate (321-375 HB) at 100 meters from the weapon.

Penetration BZT44 API: The bullet shall demonstrate penetration 15 mm thick armour plate (321-375 HB) at 100 meters from the weapon.

Incendiary B32 API, BZT 44 API: At 70m, the incendiary composition of bullets shall ignite cloth soaked in petrol located behind the armour plate 15mm (321- 375 HB).

## Cal. 12.7x108mm | TECHNICAL DATA

Element		Material					Weight (g)					Length (mm)				
		B32 API	BZT44 API	Ball	AP	Tracer	B32 API	BZT44 API	Ball	AP	Tracer	B32 API	BZT44 API	Ball	AP	Tracer
Bullet	Jacket	Tombac plated steel strip or cooper washer steel strip	Tombac plated steel strip or cooper washer steel strip	Tombac plated steel strip or cooper washer steel strip	Tombac plated steel strip or cooper washer steel strip	Tombac plated steel strip or cooper washer steel strip										
	Core	Steel	Steel	Steel	Steel	Steel	48,00	44,00	48,00	48,00	44,00					
	Tracer mix.	-	Tracer compos.	-	-	Tracer compos.	(740 gr)	(679 gr)	(740 gr)	(740 gr)	(679 gr)	64,00	64,50	64,60	64,60	64,50
	Tube	-	Tombac	-	-	Tombac										
	Filler, point	Thermit compos.	Thermit compos.	Borax.	Borax	Borax										
Liner	Lead antim.	Lead antim.	Lead antim.	Lead antim.	Lead antim.											
Cartridge case		Brass					~67,00					108				
Propelling charge		NC powder					~16,50	~16,50	~16,50	~16,50	~16,50	-				
Primer		Berdan					1,10					4,15				
Cartridge							Average Q (100) ± 2g					147,00				

## Cal. 12.7x108mm | PACKAGING

Version 1	Version 2	Version 3	Version 4
<ul style="list-style-type: none"> <li>• 104 rounds in sheet metal box • 2 sheet metal boxes (208 rounds) in wooden crate</li> </ul>	<ul style="list-style-type: none"> <li>• 50 rounds in one DShK belt</li> <li>• 1 DShK belts in one metal box (50 rounds)</li> <li>• 2 metal boxes in wooden crate (100 rounds)</li> </ul>	<ul style="list-style-type: none"> <li>• 10 rounds in cardboard box</li> <li>• 5 cardboard boxes (50 rounds) in PVC bag</li> <li>• 2 PVC bags (100 rounds) in carton case</li> </ul>	<ul style="list-style-type: none"> <li>• 60 rounds in one DShK belt</li> <li>• 1 DShK belts in one DShK function metal box (60 rounds)</li> <li>• 3 DShK function metal boxes in wooden crate (180 rounds)</li> </ul>