

# Cal. 12.7x99 mm



MO2 APEI



## BALISTIC DATA

Cal. 12.7x99 mm with bullet	V <sub>23,77</sub> (m/s)	P+3Sd (bar)	Accuracy Sdx/Sdy (cm) at 550 m
MO2 APEI	885,4 ± 9,1	max. 4500	max. 30

Penetration MO2 APEI: The bullet core or bullet of the cartridge shall completely perforate 22 mm of armor plate (Hardness 321-375 HB) placed at 100 m from the muzzle of the weapon.

Incendiary flash MO2 APEI: The incendiary bullets shall ignite and produce an incendiary flash in less than 600 mm behind an steel plate 3,5 mm placed at 160 m from the muzzle at zero (0°) degrees of obliquity (normal to the line of fire).

Explosive effect MO2 APEI: Explosive bullets shall function and produce at least 8 perforations in a 0.5 mm aluminum witness plate located 1200 mm behind an steel target plate of 3,5 mm nominal thickness placed not less than 160 meters from the muzzle at zero degrees obliquity (normal to the line of fire).

## PACKAGING

Version 1	Version 2
<ul style="list-style-type: none"> <li>• 140 rounds in metal box M2A1</li> <li>• 2 metal boxes (280 rounds) in wire bound wooden box</li> </ul>	<ul style="list-style-type: none"> <li>• 100 rounds in metal link belt (M9)</li> <li>• 1 metal link belts in metal box M2A1</li> <li>• 2 metal boxes in wire bound wooden box (200 rounds)</li> </ul>

## TECHNICAL DATA

Element		Material	Weight (g)	Length (mm)
		MO2 APEI	MO2 APEI	MO2 APEI
Bullet	Jacket	Tombac	42, 65 (661 gr)	58, 67
	Core	Steel		
	Filler, point	Thermit - explosive comp.		
	Cup, closure	Lead antimony		
Cartridge case		Brass	~55,10	99, 31
Propelling charge		NCD powder	~15,10	-
Primer		Boxer non-corrosive	1, 23	5, 54
Cartridge			Average Q (100) ± 2g	138, 43