Cal. 7.62x51 mm

M80 BALL

BALISTIC DATA

Cal. 7.62x51 mm 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
M80 Ball	*min. 2756*	*833,6 ± 9,1*	*max. 4450*	*max. 20*

Used for 7.62x51 mm weapon caliber

Penetration M80 Ball: The bullet shall completely perforate the mild plate 3,5 mm nominal (10 gauge) thickness, defined in SAE 1010 or SAE 1020, Rockwell hardness, minimum B55, maximum B70, the plate shall be placed 550m from the muzzle at 0 degree obliquity (normal to the line of fire).

PACKAGING

Version 1	Version 2	Version 3	Version 4
• 20 rounds in cardboard box • 28 cardboard boxes (560 rounds) in metal box M2A1 • 2 metal boxes M2A1(1120 rounds) in wooden crate	*• 20 rounds in cardboard box • 10 cardboard boxes (200 rounds) in PVC bag • 5 PVC bags (1000 rounds) in carton case*	*• 250 rounds in metal link belt M13 • 2 metal link belts in metal box M2A1 • 2 metal boxes M2A1(1000 rounds) in wooden crate*	*• 250 rounds in metal link belt (M13) • 1 metal link belts in metal box M19A1 • 4 metal boxes (1000 rounds) in wooden crate*

TECHNICAL DATA

Element		Material	Weight (g)	Length (mm)
		M80 Ball	M80 Ball	M80 Ball
Bullet	***Jacket***	*Tombac*	*9, 67*	*29, 46*
	Core	*Lead antimony*	*(149 gr)*	
Cartridge case		Brass	*~11,50*	*51, 18*
Propelling charge		*Spherical powder*	*~2,85*	*-*
Primer		*Boxer non-corrosive*	0, 34	*3, 30*
Cartridge			*Average Q (100) ± 1 g*	*71, 12*