

5.56x45 mm (NATO) cartridges

No	Caliber, mm	Case	Bullet (round) type	Bullet (projectile) weight [Gram/Grains]	Primer type	Bullet (projectile) speed (m/s) / (fps)	Chamber pressure (MPa/PSI)	Cartridge name
1	5.56 x 45 NATO	Brass	Bimetal jacket + lead core-M193 (FMJ/LC)	3.6 g / 55 grain	“Boxer”	965 m/s / 3,166 fps	358 MPa 51,923.5 PSI	5.56 mm Cartridge M193 with Lead Slug Bullet
2	5.56 x 45 NATO	Brass	Bimetal jacket + steel core-SS109 (FMJ/SC)	4.0 g / 62 grain	“Boxer”	914 m/s / 2,998 fps	358 MPa 51,923.5 PSI	5.56 mm Cartridge SS109 with Steel core Bullet
3	5.56 x 45 NATO	Brass	Tracer (T)	4.0 g / 62 grain	“Boxer”	900 m/s / 2,952 fps	358 MPa 51,923.5 PSI	5.56 mm Cartridge with tracer
Class of explosion hazard:					1.4 S; UN 0012			

Packing						
Caliber, mm	Cardboard box, pcs.	Metal box, pcs.	Case, pcs.	Case dimensions, mm/in	Case gross weight, kg/lbs.	Case volume, m3
5.56 x 45 (ball)	30	810	1620	488 x 353 x 151 mm/ 19.2 x 13.9 x 5.9 in	27 kg / 59.5 lbs.	0.026 m
5.56 x 45 (tracer)	30	810	1620	488 x 353 x 151 mm/ 19.2 x 13.9 x 5.9 in	27 kg / 59.5 lbs.	0.026 m
5.56 x 45 (blank)	30	810	1620	488 x 353 x 151 mm/ 19.2 x 13.9 x 5.9 in	17 kg / 37.4 lbs.	0.026 m

5.56 x 45 mm (NATO) cartridges

Weapons

ARSENAL AR-M family, ARSENAL LMG, LMG-F, STEYR AUG, FNC, HK MG4, Colt M16 family, Bushmaster M4, AK 101, AK 102, Galil, Tavor, NEGEV LMG, etc.



**5.45 x 45 mm
Brass
M193
FMJ / LC
(Lead Core)**



**5.45 x 45 mm
Brass
SS109
FMJ / SC
(Steel Core)**



**5.45 x 45 mm
Brass
Tracer**