

7.62x54 mm cartridges

Caliber, (mm)	Case	Bullet type	Bullet (projectile) weight [Gram/Grains]	Primer type	Average bullet velocity, (m/s) / (fps)	Average chamber pressure, MPa/PSI
7.62 x 54	Bimetal	FMJ/SC Bimetal jacket + steel core	9.45 - 9.75 g / 145 - 150 grain	"Berdan"	827.5 m/s / 2714 fps	284.4 MPa / 41,248 PSI
7.62 x 54	Bimetal	FMJ/LC Bimetal jacket + lead core	9.45 - 9.75 g / 145 - 150 grain	"Berdan"	847.5 m/s / 2780 fps	284.4 MPa / 41,248 PSI
7.62 x 54	Bimetal	Tracer T-46 (T)	9.4 - 9.9 g / 145 - 152 grain	"Berdan"	797.5 m/s / 2354 fps	284.4 MPa / 41,248 PSI
7.62 x 54	Bimetal	API Bimetal jacket, armor piercing	9.55 - 10.2 g / 146 - 157 grain	"Berdan"	800 - 815 m/s / 2642 - 2673 fps	284.4 MPa / 41,248 PSI
7.62 x 54	Bimetal	API Bimetal jacket, armor piercing incendiary	9.55 - 10.2 g / 146 - 157 grain	"Berdan"	800 - 815 m/s / 2642 - 2673 fps	284.4 MPa / 41,248 PSI
7.62 x 54	Bimetal	Blank	-	"Berdan"	-	-
7.62 x 54	Bimetal	SP / Soft Point / Bimetal jacket + lead core	11.6 g / 179 grain	"Berdan"	750 m/s / 2460 fps	284.4 MPa / 41,248 PSI
7.62 x 54	Bimetal	HP / Hollow point Bimetal jacket + lead core	11.6 g / 179 grain	"Berdan"	750 m/s / 2460 fps	284.4 MPa / 41,248 PSI

Weapons

ARSENAL MG family, SVD, SGM, PK, PKM, PKMS, PK-T, Pecheneg, etc.

7.62x54 mm cartridges

Packing						
Caliber, mm	Cardboard box, pcs.	Metal box, pcs.	Case, pcs.	Case dimensions, mm/in	Case gross weight, kg/lbs.	Case volume, m3
7.62 x 54 (ball)	20	440	880	488 x 353 x 151 mm/ 19.2 x 13.9 x 5.9 in	26 kg / 57.3 lbs.	0.026 m
7.62 x 54 (tracer)	20	440	880	488 x 353 x 151 mm/ 19.2 x 13.9 x 5.9 in	26 kg / 57.3 lbs.	0.026 m
7.62 x 54 (blank)	20	440	880	488 x 353 x 151 mm/ 19.2 x 13.9 x 5.9 in	16.5 kg / 36.3 lbs.	0.026 m
7.62 x 54 (AP, API)	20	440	880	488 x 353 x 151 mm/ 19.2 x 13.9 x 5.9 in	28 kg / 66.7 lbs.	0.026 m



**7.62 x 54 mm
Brass
FMJ / SC
(Steel Core)**



**7.62 x 54 mm
Brass
FMJ / LC
(Lead Core)**



**7.62 x 54 mm
Brass
Tracer**



**7.62 x 54 mm
Brass
SP
(Soft Point)**



**7.62 x 54 mm
Brass
HP
(Hollow Point)**



**7.62 x 54 mm
Brass
Blank**