



14.5×114 mm Cartridges



GENERAL SPECIFICATIONS

The case is rimless, bottlenecked, is of brass and is berdan primed. These bullets are basically identical in design to the 12.7mm equivalents and use the same identifying bullet tip colours.



AP

Ball

TECHNICAL FEATURES

Type	AP	Ball
Round length (mm)	156	156
Case length (mm)	114	114
Round weight (gr)	197	197
Bullet weight (gr)	64	64
Type of powder	Single base type, 5/7 N/A	Single base type, 5/7 N/A
Type of primer	Percussion	Percussion
Mean of muzzle velocity (m/s)	980	980
Maximum gas pressure (kgf/cm ²)	Pmed. max ≤ 3300	Pmed. max ≤ 3300
Maximum range (m)	4000	4000
Armament	KPV	KPV

20×102 mm HEI , 20×128mm TP-T

GENERAL SPECIFICATIONS (20X102MM HEI)

This ammunition can be fired by Vulcan guns mounted on helicopter. The rimless bottlenecked case is of steel and electrically primed.

GENERAL SPECIFICATIONS (20X128MM TP-T)

This ammunition is produced for training purposes and is fired by 20mm anti-aircraft cannons. The shell body is same as HEIT type with front section empty and rear section filled with tracer.



HEI

TP-T
20x102

20x128

TECHNICAL FEATURES

Type	20x102 HEI	20x102 TP-T	20x128 TP-T
Round length (mm)	168	168	203.5
Case length (gr)	102	102	92.3
Round weight (gr)	257	260	340
Bullet weight (gr)	101	95	126
Type of powder	Double base Core	Double base Core	Double base Core
Type of primer	Electric	Electric	Percussion
Mean of muzzle velocity (m/s)	1030	1030	980
Maximum gas pressure(kgf/cm ²)	Pmed. Max. ≤ 3300	Pmed. Max. ≤ 3300	Pmed. Max. ≤ 3600
Minimum tracer range (m)	-	1400	-
Armament	M39 - M61	M39 - M61	KAA , KAB