

14.5x114 MM ARMOR-PIERCING INCENDIARY CARTRIDGE API (B-32) AND 14.5x114 MM ARMOR-PIERCING INCENDIARY TRACER CARTRIDGE API-T



1. DESCRIPTION

14.5x114mm API and API-T cartridges are used for firing from 14.5mm heavy machine guns KPV/KPVT, Antiaircraft Cannons ZU14.5-2, ZU-14.5-1, ZU-14.5-4 and anti-material rifles.

2. TECHNICAL PARAMETERS

PARAMETERS	API (B-32) NSN 1305-50-001-7824	API-T NSN 1305-50-001-7826
Calibre	14.5x114 mm	14.5x114 mm
Muzzle velocity	980 – 1005 m/s	980 – 1000 m/s
Max. chamber pressure	≤ 345 Mpa	≤ 340 Mpa
Weight of cartridge	186-190 g	183-188 g
Weight of bullet	63.5-64.5 g	60.5-61.5 g
Weight of the cartridge case	88-90 g	88-90 g
Length of cartridge	155-156 mm	155-156 mm
Length of the cartridge case	113.6-114 mm	113.6-114 mm
Length of the bullet	65.50 – 66.70 mm	65.50 – 66.70 mm
Type of the cartridge case	Steel case	Steel case
Type of primer	Berdan	Berdan

Penetration performance API: Armor-piercing Rate>80% (Pierce 20 mm steel plate at 200m in 20° AOI ; 32mm steel plate at 500 m placed at 90°)

Incendiary Rate>80% (Pierce 20 mm steel tank and ignite the fuel at 100m in 20 ° AOI)

3. Packing details



Type of packing

88 Cartridges in airtight ammunition box NATO standard. 72 Ammunition box NATO standard (6336 cartridges) on a pallet

Pallet dimensions – 1200/800/1550 mm Gross weigh – 1450 kg

The packing details are example and other packing details could be agreed