



01 / PRODUCT OVERVIEW

BZT-44

12.7 x 108 mm API-T (BZT-44)



FIG 01 PRODUCT CONFIGURATION

**810-825 m/s at 24 m, 21
+/- 2 deg C, 1008 mm
proof barrel**

AVERAGE VELOCITY

44 +/- 0.8 g

BULLET WEIGHT

max. 3400 barMAXIMUM AVERAGE CASE MOUTH
PRESSURE**147 mm maximum**

ROUND LENGTH

01.1 / OVERVIEW

Armour piercing incendiary tracer cartridge for 12.7 x 108 mm heavy machine guns, continuous trace to at least 1000 m.

TYPE

API-T

CALIBRE

12.7x108 mm

STANDARD

Eastern

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

BZT-44 / AMMUNITION

IDENTITY AND CONSTRUCTION

Bullet length	64.5 mm maximum
Bullet weight	44 +/- 0.8 g
Maximum average case mouth pressure	max. 3400 bar

BALLISTIC PERFORMANCE

Average velocity	810-825 m/s at 24 m, 21 +/- 2 deg C, 1008 mm proof barrel
Penetration	15 mm armour plate at 100 m, min. 90 percent of rounds at 90 deg incidence
Operating temperature	-54 to +52 deg C

DIMENSIONS, MASS AND SUPPLY

Round length	147 mm maximum
Round weight	approx. 129 g
Packaging	104 rds in metal sheet box; 70 boxes (7280 rds) per pallet, approx. 1151 kg

ADDITIONAL TECHNICAL DATA

Powder charge	16.5-17.5 g, spherical double base or cylindrical single base propellant
Precision	average mean radius max. 60 mm, target at 100 m, 1008 mm proof barrel
Tracer performance	visible by max. 200 m; continuous visibility min. 1000 m
Primer	Berdan type, 12.7 DSK, non-corrosive, non-mercury
Weapon compatibility	DShK, DShKM, NSVT and other compatible systems



CONFIGURATION VIEWS

BZT-44 / SUPPLEMENTARY CATALOGUE VIEWS

FIG 02 / complete and sectioned reference

