



## 01 / PRODUCT OVERVIEW

# 12.7 x 99 mm Ball / Tracer

Linked steel-case cartridges



FIG 01 PRODUCT CONFIGURATION

**V24 = 886 ± 9 m/s**

MEDIUM VELOCITY OF BULLET AT 24 M

**804 / 980 kg**

NET / GROSS PALLET WEIGHT

**P<sub>med</sub>.max ≤ 379 MPa**

AVERAGE MAX. PRESSURE

**steel, lacquered in brown color**

CARTRIDGE CASE

## 01.1 / OVERVIEW

Belt of 12.7 x 99 mm steel-case cartridges linked four ball to one tracer for use against personnel from .50 calibre machine guns, with a bullet velocity of 886 m/s at 24 m.

**TYPE**  
Ball / Tracer**CALIBRE**  
12.7x99 mm**STANDARD**  
NATO**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

12.7 x 99 mm Ball / Tracer / AMMUNITION

## IDENTITY AND CONSTRUCTION

|                                   |                                 |
|-----------------------------------|---------------------------------|
| Cartridge case                    | steel, lacquered in brown color |
| Ball bullet                       | 45 g, tip not painted           |
| Tracer bullet                     | 42 g, tip painted red           |
| Medium velocity of bullet at 24 m | V24 = 886 ± 9 m/s               |
| Cartridges per pallet             | 6000 rds                        |

## BALLISTIC PERFORMANCE

|                       |                      |
|-----------------------|----------------------|
| Average max. pressure | Pmed.max ≤ 379 MPa   |
| Accuracy              | R50 ≤ 19 cm at 300 m |

## DIMENSIONS, MASS AND SUPPLY

|                                       |                                                                                                                             |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Packing                               | 100 pcs (4 Ball + 1 Tracer) linked by M9 links per UN certified steel ammunition box M2A1; 60 steel boxes per wooden pallet |
| Pallet overall dimensions (L x l x h) | 1200 x 770 x 580 mm                                                                                                         |
| Net / gross pallet weight             | 804 / 980 kg                                                                                                                |

## ADDITIONAL TECHNICAL DATA

|                           |                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Use                       | all .50 (12.7 x 99 mm) caliber machine guns, like .50 Z03 M.G., .50 Browning M2, Browning M85 etc.; used against personnel |
| Primer                    | Boxer type, non corrosive                                                                                                  |
| Propellant                | single or double base type                                                                                                 |
| Tracer capacity at 1500 m | ≥ 80%                                                                                                                      |
| UN number                 | 0339                                                                                                                       |
| Hazard class              | 1.4C                                                                                                                       |
| N.E.W. per pallet         | 93 kg                                                                                                                      |



03 / CONFIGURATION VIEWS

# CONFIGURATION VIEWS

12.7 x 99 mm Ball / Tracer / SUPPLEMENTARY CATALOGUE VIEWS

FIG 02 / ball cartridge, sectioned

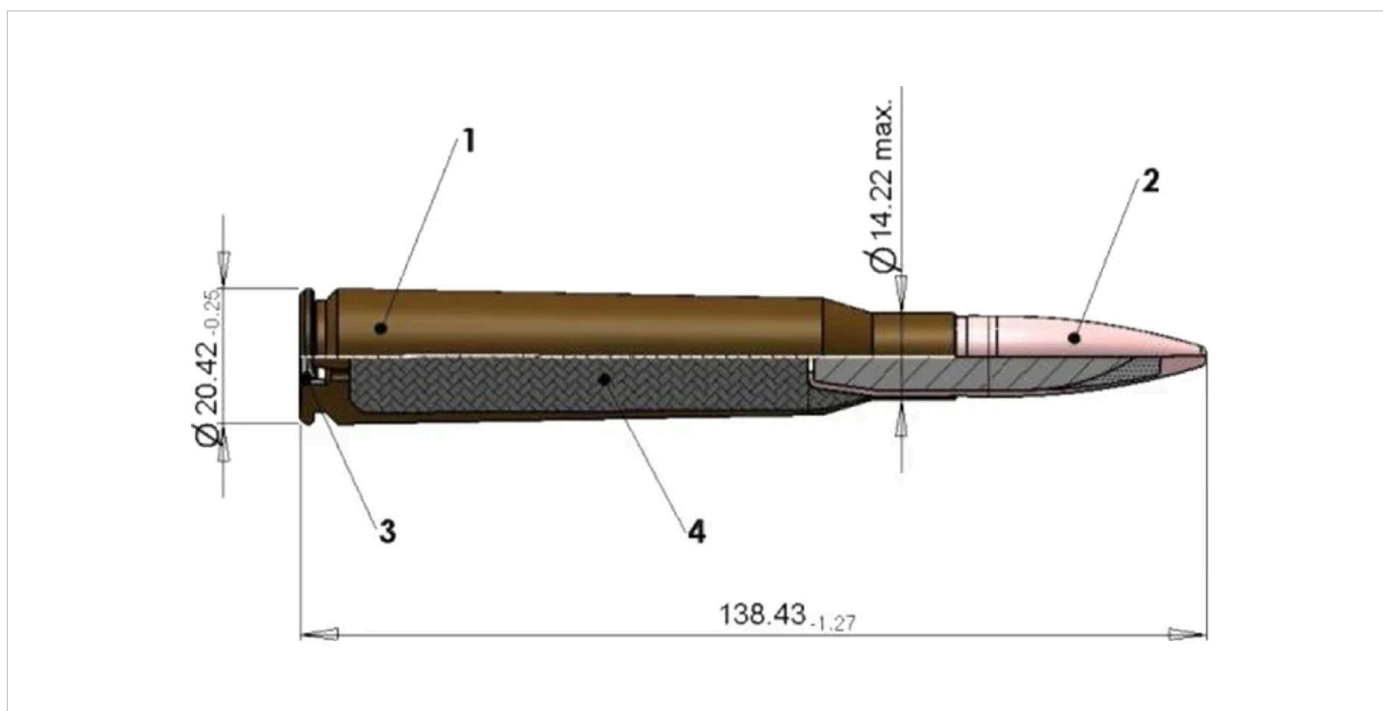


FIG 03 / tracer, sectioned

