



**TBFR-15VMZ ROUND  
WITH TBFG-9VMZ  
THERMOBARIC  
FRAGMENTATION GRENADE**

**NSN : 1310-50-001-5844**



Intended for destroying enemy emplacements (shelters, stone, brick or concrete fortifications), light armoured and unarmoured vehicles and enemy troops.

**CHARACTERISTICS**

Caliber, mm	73
Round weight, kg	4,570
Grenade weight, kg	3,680
Propellant charge weight, kg	0,890
PTBS weight, kg	0,740
Muzzle velocity, m/s	310
Maximum range, m	4500
Number of hitting fragments, pcs.	800
Weight of the fragments, kg	0,762
Safe operational temperature range, °C	-40...+50
Rate of fire, rds/min	4...6

**WEAPON SYSTEM**

2A28 gun mounted on BMP-1

**PACKING**

Dimensions, mm	1082x520x298
6 rounds in a case	
Gross weight, kg	51

**Static test :**

**Metal sheet with dimensions**

**Width 1000 mm**

**Height 2000 mm**

**The metal sheet is placed at 5-7 m radius from the exact point of the burst of warhead**  
**Approximate number of fragments, pcs. 194**

