

# 105mm HE R-105-60

This round is used for all the guns included in the STANAG 4458. Used for antipersonal purposes and against not armoured targets. It produces fragmentation effects and an expansion wave.



## TECHNICAL CHARACTERISTIC

ROUND		BALLISTIC DATA	
Type:	Crimped	Muzzle velocity :	688 m/s
Model:	HE, R-105-60	Chamber pressure:	< 420 MPa
Length:	990 mm	Approximate max. range:	11,270 m
Mass:	21.0 kg	Effective range:	3,500 m
PROJECTILE			
Type:	HE		
Body material:	Forged steel (Olive green painted)	1 round in watertight carboard case 2 cardboard cases in wooden case	
Explosive charge:	2.7 kg HT		
Fuze type:	Percussion	Cases with 2 rounds:	
Fuze model:	PDM 739A1 or equivalent	• Weight:	66 kg
Marks:	Yellow	• Length:	1,180 mm
Length:	443.5 mm	• Width:	364 mm
Mass:	12.1 kg	• Height:	221 mm
		• Volume:	0.093 m <sup>3</sup>
CASE		Pallets with 24 rounds:	
Model:	M148L	• Weight:	805 kg
Material:	Brass	• Length:	1,200 mm
Length:	615.3 mm	• Width:	1,100 mm
Mass:	6.1 kg	• Height:	1,030 mm
		• Volume:	1.36 m <sup>3</sup>
PRIMER		CLASSIFICATION	
Type:	Electrical	ONU No.:	0321
Model:	1¼ x 378 mm	NOC:	1315-33-002-1996
Load:	Black powder	Group:	1.2 E
PROPELLING CHARGE			
Type:	Single base		
Designation:	LB7T70		
Powder:	Multiperforated		
Mass:	~ 2.4 kg		

When the projectile impacts on the target, the fuze produces the detonation of the explosive charge, producing fragmentation effects and an expansive wave.