

GENERAL DYNAMICS

European Land Systems
Santa Bárbara Sistemas - FMG

Ammunition

Large caliber

105 mm HEAT-T M456A1



This round is used for all of the guns included in the STANAG 4458.

Technical Characteristics

ROUND		BALLISTIC CHARACTERISTICS	
Type:	Crimped	Muzzle speed:	1,173 m/s
Model:	M456A1	Chamber pressure:	≤ 425 MPa
Length:	990 mm		
Mass:	22.5 kg	Approximate maximum range:	8,200 m
		Effective range:	3,000 m
PROJECTILE		PRESENTATION OF THE PRODUCT	
Type:	HEAT-T M456A1	1 round in watertight cardboard case 2 cardboard cases in wooden case	
Body material:	Steel black painted		
Explosive charge:	0.97 kg T 60/40 Comp. B	Cases with 2 rounds:	
Fuze type:	PIBD	• Weight:	68 kg
Fuze model:	M509A1/A2	• Length:	1,180 mm
Tracer:	M13	• Width:	364 mm
Marks:	Yellow	• Height:	221 mm
Length:	647 mm	• Volume:	0.093 m ³
Mass:	10.3 kg		
CASE		Pallets with 24 rounds:	
Model:	M148A1	• Weight:	825 kg
Material:	Brass	• Length:	1,200 mm
Length:	608 mm	• Width:	1,100 mm
Mass:	6 kg	• Height:	1,030 mm
		• Volume:	1.36 m ³
PRIMER		CLASSIFICATION	
Type:	Electric	NOC:	1315-33-002-2002
Model:	M83	Group:	1.2 E
Load:	32.4 g (benite strand)		
		ONU:	0321
PROPELLING CHARGE			
Type:	Triple base		
Designation:	M30		
Characteristics:	Cyl. Multiperforated		
Mass:	~ 5.5 kg		

When the projectile impacts on the target, the fuse produces the detonation of the explosive charge, the liner collapses, a shock wave aligned with the liner's axis is produced and a dart of metallic particles penetrates the target.

GENERAL DYNAMICS

European Land Systems
Santa Bárbara Sistemas - FMG

Fábrica de Municiones de Granada
C/ Ctra. Murcia, s/n
18182 El Fargue, Spain
Tel. +34 958 200 300
Fax +34 958 290 409
info@fmgranada.com
www.fmgranada.com

© All company names and logos are copyright protected



The company reserves the right to modify details, design and building methods in order to comply with the latest technical innovations.