

#### **Performance:**

The Mortar Bomb **AD 60C** is an in-water operation and is used for protection of ships and harbors against enemies in and under the water.

- The blast from the highly explosive composition creates a defeat/casualty effect within a 100 m radius and shock disorientation up to 300 m.
- The aluminum body is plastic coated which guarantees much safer handling and storage of the ammunition;
- The fin stabilizer is made of plastic for increasing the life of the tube of the Mortar weapon system.
- This Mortar Bomb is fuzed with:
  - AF623 (Point detonating, super quick action, boresafe type, muzzle safety distance 40 m) fuze.

#### **Weapon compatibility:**

The Mortar Bomb **AD 60C** is intended to be used with any type of smooth bore 60 mm Mortars of NATO Standard:

- COMMANDO Mortar M60CMA;
- M60MA;
- M2 and M19;
- BRANDT model 35;
- Tampella;
- Thompson Houston – Hotchkiss – Brandt Commando;
- M-57;
- M6H and M6C Hirtenberger;
- and designed for fighting uncovered enemy manpower, as well as unarmored means of transportation.



# 60 mm Mortar Bomb AD 60C

TECHNICAL DATA	AD 60C
Caliber, mm	60
Body material	Aluminum alloy
Length of fuzed Mortar Bomb, mm/in	310 mm / 12.2 in
Weight fuzed, kg/lbs.	1.1 kg / 2.5 lbs.
Payload type	Thermobaric composition TBC-3
Radius of defeat, m	100 m
Radius of Shock effect, m	300 m
Highest Max Pressure, bar (piezo)	290 (0+2)
Fuze AF 623 arming distance, m	not less than 40
Operating Temperature Range, °C/°F	from -40°C to 50°C / -40°F to 122°F

BALLISTIC DATA	(WITH 640 MM BARREL COMMANDO)
Maximum Pressure, bar (piezo):	290 (0+2)
Max Range, m/yd	2,347 (0+2) m / 2566 yds.
Maximum Muzzle Velocity, m/s	197 (0+2)
<b>Class of explosion hazard:</b>	<b>1.2E, UN 0321</b>

PACKING Version 1	AD 60C
One fuzed Mortar Bomb with 2 pcs. increment charges is packed in a Plastic Airtight Container;	20 pcs. containers are arranged in a plastic airtight case.
Plastic case dimensions, mm/in	616 x 522 x 182 mm / 24.2 x 20.5 x 7.1 in
Case weight, kg/lbs.	35 kg / 77.1 lbs.
Case volume, m <sup>3</sup>	0.0585 m <sup>3</sup>

PACKING Version 2	AD 60C
One fuzed Mortar Bomb with 2 pcs. increment charges is packed in a Plastic Airtight Container;	22 pcs. Containers are arranged in a wooden case.
Plastic case dimensions, mm/in	420 x 400 x 216 mm / 16.5 x 15.7 x 8.5 in
Case weight, kg/lbs.	22 kg / 48.5 lbs.
Case volume, m <sup>3</sup>	0.036 m <sup>3</sup>