

81 mm, M69 B-D1 Mortar

A weapon with smooth bore, is designed for fire support primarily within infantry units. Viewed from aspect of its application, mortar is a simple, reliable and very efficient weapon. Its main feature is firing at high angles of elevation, from 45° to 85°, thus enabling strikes against the enemy sheltered by trenches or other obstacles. Main components of mortar comprise barrel with breechblock, base plate, bipod support, sighting device and weapon set of tools, spares and accessories.

TECHNICAL DATA:

• Caliber	81,4 mm
• Length of barrel	1450 mm
• Mass of weapon in travelling position	56 kg
• Mass of weapon in combat position	49 kg
• Vertical field of action	45° to 85°
• Horizontal field of action: without shifting of bipod	± 5,625°
with shifting of bipod	360° all, around
• Rate of fire	20 to 25 rds/min
• Maximum range	
- with HE shell 81 mm M72	5070 m
- with HE shell 81 mm Mk11/Mk11P1	6500 m
• Minimum range	91 m
• Maximum barrel pressure	< 650 bar
• Sighting device	NSB-3
• Number of operators	4

