

UTIU, M72B1

Artillery fuzes

The fuze UTIU M72B1 is mechanical, point-detonating fuze located at the nose, with superquick, inertia and delay action. It is intended for the assembling the HE projectiles in calibers 85 mm, 100 mm, 122 mm, 130 mm and 152 mm for guns and howitzers. It can be set at superquick and delay action. The fuze with cap is safe for firing in snow and rain. It is safe in all conditions of transportation and handling.

TECHNICAL DATA:

• Action type (setting)	superquick, delay
• Total height of fuze (mm)	max 105.71
• Depth of fuze intrusion (mm)	max 46.8
• Delay time - delay action (ms)	20 to 50
• Muzzle safety (m)	min 10
• Ready to act - armed (m)	max 200
• Safety - mechanical, centrifugal, pyrotechnic (ms)	100 to 200
• Arming during axial acceleration (m/s^2)	24000 to 230000
• Rotation (min^{-1})	min 3100
• Muzzle velocity (m/s)	max 1100
• Fuze mass (kg)	0.42
• Operating temperature ($^{\circ}C$)	-30 to +50

