

UTIU-M72 B1 (AU-18)

Artillery fuzes

UTIU – M72 B1 is point – detonating, mechanical fuze of superquick, inertia and delay action adjustable by sleeve turning and cap removing.

PURPOSE

The fuze is intended for artillery projectile, cal. 122, 130 and 152 mm.

TECHNICAL DATA:

• Safety	as per MIL-STD-1316B
• Arming	inertia and pyrotechnical
• Minimum arming condition:	
- acceleration	3000 g
- rotation	3100 rpm
• Drop safety	1,75 m
• Tightness	waterproof
• Fuze mass	460 g
• Fuze length	max. 105,7 mm
• Fuze length entering the grenade	max. 46,8 mm
• Fuze connecting thread	Sp 36,14 x 2,54
• Maximum fuze diameter	40 mm



FUNCTIONAL DATA

• Muzzle safety	min. 10 m
• Action type	superquick, inertia and delay 0,027 to 0,063 s
• Temperature range of use	-40°C to +50°C
• High safety during handling, transportation and storing.	
• Environment test	as per MIL – STD – 331 A
• Usage period is minimum 5 years under prescribed keeping and storing conditions.	

