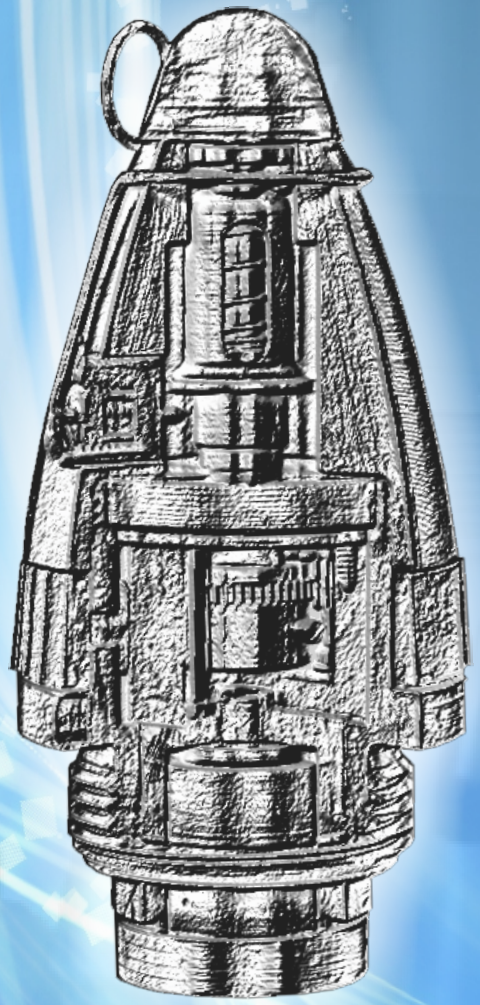
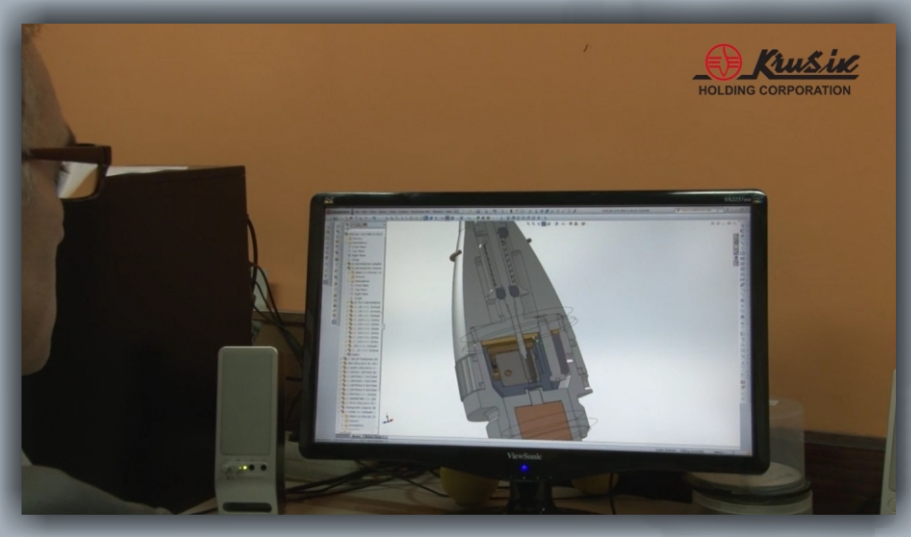
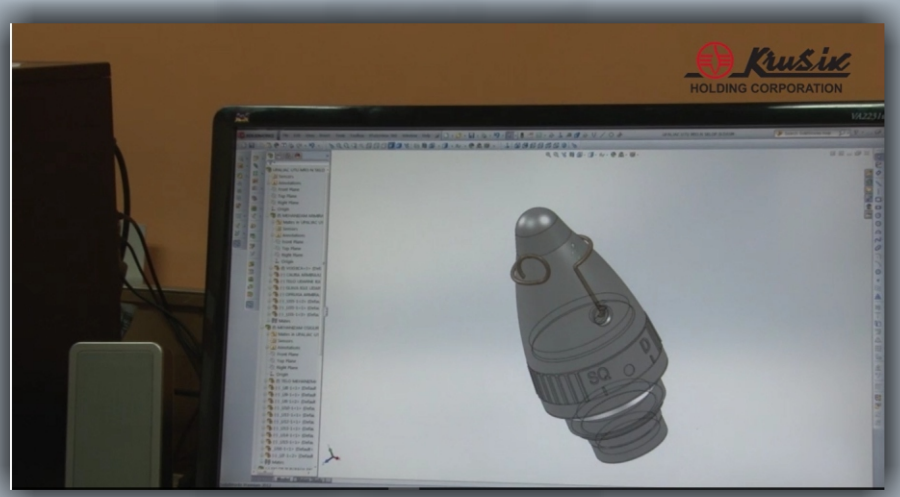
Krušik
HOLDING CORPORATION



FUZES

www.krusik.rs





"Krusik" is activly employed in research, development and production of clasic military program as well as complexe rockets systems. We also produce fuzes and initial devices that are assembled to our products.





„KRUSIK" PRODUCES FUZES THAT ARE ASSEMBLED TO THE FOLLOWING DEVICES:

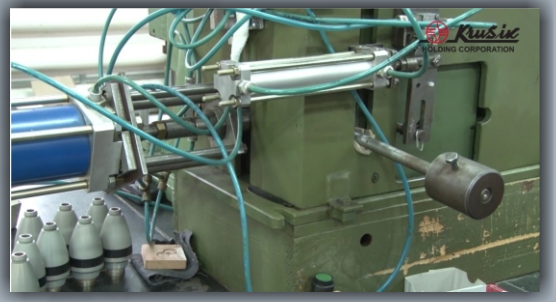


Mortar mines (HE, Smoke and Illuminating) - caliber: 81/82 i 120 mm

Airbombs weight 100 and 250 kg



Ait to air and air to ground rockets:
- -57 mm HE rocket (BR-1)
- -57 mm cumulative rocket (BR-2)
- -57 mm cumulative-fragmentation type (BR-20)
- -128 mm HE rocket (MUNJA)



Artillery projectiles for:
- -Gun calibers: 76 mm, 85mm, 90mm, 100mm, 122mm and 130 mm.
- -Tank gun, calibers: 115 mm and 125 mm
- -Anti-tank gun, calibers: 82 mm, 100 mm and 105 mm
- -Howitzer calibers: 105 mm, 122 mm, 152 mm and 155 mm



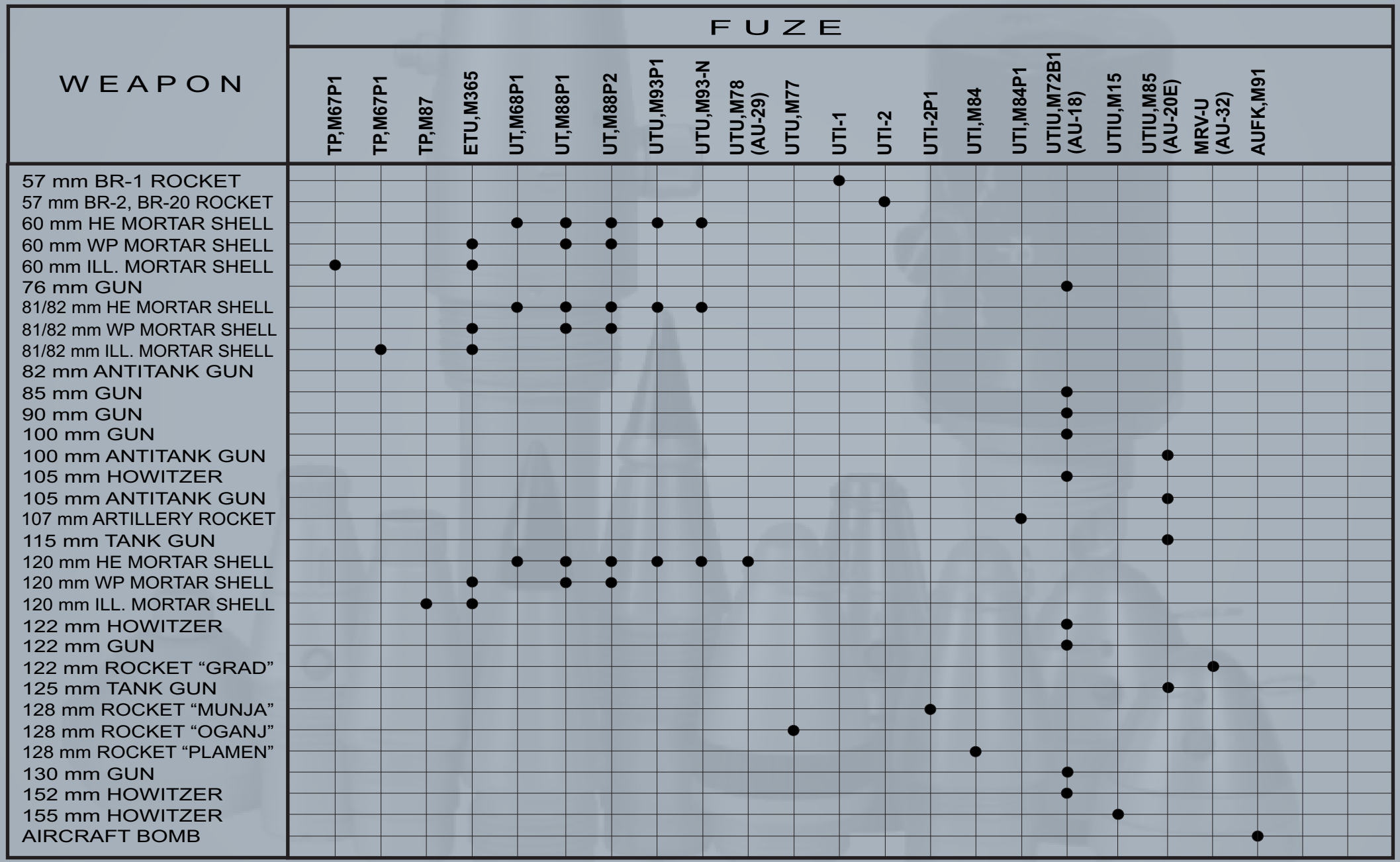
Ground to grounded rockets:
- -107 mm HE rocket
- -122 mm HE rocket ("GRAD")
- -128 mm HE rocket ("PLAMEN")
- -128 mm HE rocket ("OGANJ")



Anti-armour devices:
- -120 mm semiautomatic guided rocket ("MALJUTKA")
- -Heat shells M79; M88; M72 i M91used with recoliless guns 82 mm M79 i M60A
- -Cumulative shells 82 mm M80 for manual launchers 44 mm.

Mines-explosive devices

WEAPON - FUZE REFERENCE CHART





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UT - M88P1
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UT - M88P2
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PD UTU - M93-N
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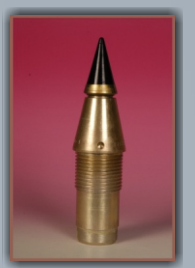
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MRV-U (AU-32)
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AUFK – M91
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HOLDING CORPORATION

TP - M67 P1 FUZE

TP – M 67 P1 is time - pyrotechnic fuze on zirconium basis .



A. PURPOSE

The fuze is intended for Illuminating mortar shell and Long-smoking shells, Cal. 60 mm .

B. TECHNICAL DATA

- Safety position indicated
- Acceleration ---------- 12000 g
- Drop safety ---------- 3 m
- Tightness ---------- waterproof
- Fuze mass ---------- 275 g
- Fuze length ---------- max 65 mm
- Fuze length entering the shell ---------- max 10 mm
- Fuze connecting thread ---------- M 54 x 1,5 mm
- Maximum fuze diameter ---------- 58 , 5 mm

C. FUNCTIONAL DATA

- Time setting ---------- 5 to 35 s
- Temperature range of use ---------- - 30°C to + 50°C
- High safety during handling , transportation and storing.
- Usage period is minimum 10 years under prescribed keeping and storing conditions.

WEAPON:





COMBAT SYSTEM:



HOLDING CORPORATION

TP - M67 P1 FUZE

TP – M 67 P1 is time - pyrotechnic fuze on zirconium basis .



A. PURPOSE

The fuze is intended for Illuminating mortar shell and Long-smoking shells, Cal. 81/82 mm .

B. TECHNICAL

- Safety position indicated
- Acceleration ---------- 12000 g
- Drop safety ---------- 3 m
- Tightness ---------- waterproof
- Fuze mass ---------- 580 g
- Fuze length ---------- max 75,5 mm
- Fuze length entering the shell ---------- max 10 mm
- Fuze connecting thread ---------- M 72 x 1,5 mm
- Maximum fuze diameter ---------- 79,3 mm

C. FUNCTIONAL DATA

- Time setting ---------- 5 to 38 s
- Temperature range of use ---------- - 30°C to + 50°C
- High safety during handling , transportation and storing.
- Usage period is minim. 10 years under prescribed keeping and storing conditions.

WEAPON:





COMBAT SYSTEM:



KruŠik HOLDING CORPORATION

TP - M87 FUZE

TP – M 87 is time - pyrotechnic fuze on zirconium basis .



A. PURPOSE

The fuze is intended for Illuminating mortar shells and Long-smoking shells, Cal.120 mm .

B. TECHNICAL DATA

- Safety position indicated
- Acceleration ---------- 12000 g
- Drop safety ---------- 3 m
- Tightness ---------- waterproof
- Fuze mass ---------- 1250 g
- Fuze length ---------- max 107 mm
- Fuze length entering the shell ---------- max 26 mm
- Fuze connecting thread ---------- M 97 x 2 mm
- Maximum fuze diameter ---------- 104 mm

C. FUNCTIONAL DATA

- Time setting ---------- 5 to 50 s
- Temperature range of use ---------- - 30°C to + 50°C
- High safety during handling , transportation and storing.
- Usage period is minim. 10 years under prescribed keeping and storing conditions.

WEAPON:





COMBAT SYSTEM:



ETU, M365 FUZE

The Fuze ETU, M365 is based on modern microprocessor technology
Time recording is performed by means of time setter.
The set fuze time is stored for 20 minutes, thereafter being automatically erased in order to safe battery power.



A. PURPOSE

Electronic Time Fuze ETU, M365 is intended for assembling of Illuminating and Smoke Mortar shells of 60mm, 81/82mm and 120mm calibers.

B. TECHNICAL DATA

- Type ---------- Electronic Time Fuze ETU, M365
- Arming ---------- inertial
- Ammunition caliber ---------- 60, 81/82 and 120mm
- Type of ammunition ---------- Illuminating, Smoke
- Safety ---------- Three degrees
- Muzzle safety ---------- ≥ 150m
- Acceleration ---------- 400g to 13000g
- Water tightness ---------- 1 bar
- Connecting thread ---------- 1,5" - 12UNF - 1A
- Maximum diameter ---------- 49mm
- Fuze mass ---------- 270g

C. FUNCTIONAL DATA

- Setting time ---------- 5 to 99,9 s
- Setting step ---------- 0,1s
- Function temperature range ---------- -46°C ÷ +63°C
- Storage temperature range ---------- -54°C ÷ +71°C
- Shelf life ---------- ≥ 10 years
- The Fuze is safe under all storing, transportation and handling conditions.

WEAPON:





COMBAT SYSTEM:



KRUŠIK HOLDING CORPORATION

UT - M68 P1 FUZE

UT-M68P1 is mechanical, point- detonating, impact fuze of superquick action .



A. PURPOSE

The fure is intended for assembling of HE mortar shells and SMOKE mortar shells of all calibers with bearings that are compatible with connecting measures or can be assembled with appropriate adaptors.

B. TECHNICAL DATA

- Arming ---------- inertia type
- Low – explosive train interrupted
- Acceleration ---------- 13000 g
- Drop safety ---------- 3 m
- Fuze mass ---------- 175 g
- Fuze length ---------- max 85 mm
- Fuze length entering the shell ---------- max 26 mm
- Fuze connecting thread ---------- M 38 x 2 mm
- Maximum fuze diameter ---------- 46 mm

C. FUNCTIONAL DATA

- Muzzle safety at initial velocity of 70 m/ s ---------- min. 8 m
- Action type ----------superquick
- Temperature range of use ---------- - 30°C to + 50°C
- High safety during handling , transportation and storing.
- Usage period is minimum 15 years under prescribed keeping and storing conditions.

WEAPON:





COMBAT SYSTEM:



UT - M88P1 FUZE

UT – M88 is mechanical, point-detonating, impact fuze of superquick action equipped with hard transport safety element including an ancillary safety mechanism.



A. PURPOSE

- The fuze is intended for assembling of HE and SMOKE mortar shells of all calibers with bearings that are compatible with connecting measures or can be assembled with appropriate adaptors.

B. TECHNICAL DATA

- Safety ---------- as per MIL – STD – 1316 B
- Arming ---------- inertia type
- Low – explosive train interrupted
- Equipped with status indicator (armed, non–armed)
- Acceleration ---------- from 400 g to 13000 g
- Drop safety ---------- 3 m
- Moisture proofness ---------- at 0.5 bar pressure
- Fuze mass ---------- 240 g
- Fuze length ---------- max 105 mm
- Fuze length entering the shell ---------- max 28 mm
- Fuze connecting thread ---------- 1,5”–12 UNF-1A
- Maximum fuze diameter ---------- 49 mm

C. FUNCTIONAL DATA

- Muzzle safety at initial velocity of 70 m/ s ---------- min. 70 m
- Action type ----------superquick
- Temperature range of use ---------- - 54°C to + 71°C
- High safety during handling, transportation and storing.
- Environment test ---------- as per MIL – STD – 331 A
- Usage period is minimum 15 years under prescribed keeping and storing conditions.

WEAPON:





COMBAT SYSTEM:



HOLDING CORPORATION

UT - M88P2 FUZE

UT – M88P1 is mechanical, point-detonating, impact fuze of superquick action equipped with hard transport safety element including an ancillary safety mechanism.



A. PURPOSE

- The fuze is intended for assembling of HE and SMOKE mortar shells of all calibers with bearings that are compatible with connecting measures or can be assembled with appropriate adaptors.

B. TECHNICAL DATA

- Safety ---------- as per MIL – STD – 1316 B
- Arming ---------- inertia type
- Low – explosive train interrupted
- Equipped with status indicator (armed, non–armed)
- Acceleration ---------- from 400 g to 13000 g
- Drop safety ---------- 3 m
- Moisture proofness ---------- at 0.5 bar pressure
- Fuze mass ---------- 250 g
- Fuze length ---------- max 105 mm
- Fuze length entering the shell ---------- max 28 mm
- Fuze connecting thread ---------- M43 x 2 mm
- Maximum fuze diameter ---------- 49 mm

C. FUNCTIONAL DATA

- Muzzle safety at initial velocity of 70 m/ s ---------- min. 70 m
- Action type ----------superquick
- Temperature range of use ---------- - 54°C to + 71°C
- High safety during handling, transportation and storing.
- Environment test ---------- as per MIL – STD – 331 A
- Usage period is minimum 15 years under prescribed keeping and storing conditions.

WEAPON:





COMBAT SYSTEM:



KRUŠIK HOLDING CORPORATION

PD UTU - M93-N FUZE

PD UTU, M93 is mechanical, point-detonating, impact fuze of superquick and delay action adjustable by a mode selector (superquick “T” or delay “U”).
It is equipped with hard transport safety element including an ancillary safety mechanism .



A. PURPOSE

- The fure is intended for assembling of HE mortar shells of all calibers with bearings that are compatible with connecting measures or can be assembled with appropriate adaptors.

B. TECHNICAL DATA

- Safety ---------- as per MIL – STD – 1316 B
- Arming ---------- inertia type
- Low – explosive train interrupted
- Equipped with status indicator (armed, non – armed)
- Acceleration ---------- from 400 g to 13000 g
- Drop safety ---------- 3 m
- Moisture proofness ---------- at 0.5 bar pressure
- Fuze mass ---------- 240 g
- Detonator charge mass ---------- 12.5 g
- Fuze length ---------- max 105 mm
- Fuze length entering the shell ---------- max 28 mm
- Fuze connecting thread ---------- 1,5” – 12 UNF- 1A
- Maximum fuze diameter ---------- 49 mm

C. FUNCTIONAL DATA

- Muzzle safety at initial velocity of 68 m/s ---------- min. 50m
- Time delay--- from 30 ms to 50 ms
- Temperature range of use ---------- - 54°C to + 71°C
- High safety during handling, transportation and storing.
- Environment test ---------- as per MIL – STD – 331 A
- Usage period is minimum 15 years under prescribed keeping and storing conditions.

WEAPON:



COMBAT SYSTEM:



PD UTU - M93P1 FUZE

PD UTU, M93 is mechanical, point-detonating, impact fuze of superquick and delay action adjustable by a mode selector (superquick “T” or delay “U”).
It is equipped with hard transport safety element including an ancillary safety mechanism .



A. PURPOSE

- The fure is intended for assembling of HE mortar shells of all calibers with bearings that are compatible with connecting measures or can be assembled with appropriate adaptors.

B. TECHNICAL DATA

- Safety ---------- as per MIL – STD – 1316 B
- Arming ---------- inertia type
- Low – explosive train interrupted
- Equipped with status indicator (armed, non – armed)
- Acceleration ---------- from 400 g to 13000 g
- Drop safety ---------- 3 m
- Moisture proofness ---------- at 0.5 bar pressure
- Fuze mass ---------- 250 g
- Detonator charge mass ---------- 12.5 g
- Fuze length ---------- max 105 mm
- Fuze length entering the shell ---------- max 28 mm
- Fuze connecting thread ---------- M43 x 2 mm
- Maximum fuze diameter ---------- 49 mm

C. FUNCTIONAL DATA

- Muzzle safety at initial velocity of 68 m/s ---------- min. 50m
- Time delay--- from 30 ms to 50 ms
- Temperature range of use ---------- - 54°C to + 71°C
- High safety during handling, transportation and storing.
- Environment test ---------- as per MIL – STD – 331 A
- Usage period is minimum 15 years under prescribed keeping and storing conditions.

WEAPON:



COMBAT SYSTEM:



KRUŠIK HOLDING CORPORATION

UTU - M78 FUZE (AU-29)

UTU – M78 is point – detonating, mechanical fuze of superquick and delay action adjustable by sleeve turning.
It is equipped with transport safety element for handling, transportation and parachuting.



A. PURPOSE

The fuze is intended for HE mortar shells of superquick - -action, Cal. 120 mm.

B. TECHNICAL DATA

- Safety ---------- as per MIL – STD – 1316 B
- Arming ---------- inertia type and pyrotechnical
- Minimum arming condition :
  acceleration ---------- 700 g
- Drop safety ---------- 3 m
- Tightness ---------- waterproof
- Fuze mass ---------- 430 g
- Fuze length ---------- max 105 mm
- Fuze length entering the shell ---------- max 34 mm
- Fuze connecting thread ---------- M45 x 2Sd9
- Maximum fuze diameter ---------- 49,7 mm

C. FUNCTIONAL DATA

- Muzzle safety ---------- min. 10 m
- Action type ----------superquick and delay 0,013 to 0,027 s
- Temperature range of use ---------- - 30°C to +50°C
- High safety during handling, transportation and storing.
- Environment test ---------- as per MIL – STD – 331 A
- Usage period is minimum 15 years under prescribed keeping and storing conditions.

WEAPON:



COMBAT SYSTEM:



UTU - M77 FUZE

UTU – M77 is point – detonating, mechanical, impact fuze of superquick and delay action adjustable by a mode selector (superquick “T” or delay “U”).



A. PURPOSE

- The fuze is intended for “OGANJ” HE warhead, Cal. 128 mm.

B. TECHNICAL DATA

- Safety ---------- as per MIL – STD – 1316 B
- Arming ---------- inertia type
- Low – explosive train interrupted
- Successful function at acceleration ---------- 200 g
- Fuze mass ---------- 1170 g
- Fuze length ---------- max 195,5 mm
- Fuze length entering the missile ---------- max 82,5 mm
- Fuze connecting thread ---------- M52 x 2 mm
- Maximum fuze diameter ---------- 60 mm

C. FUNCTIONAL DATA

- Muzzle safety ---------- 110 m
- Action type ---------- superquick and delay
- Temperature range of use ---------- - 30°C to + 50°C
- High safety during handling, transportation and storing.
- Environment test ---------- as per MIL – STD – 331 A
- Usage period is minimum 15 years under prescribed keeping and storing conditions.

WEAPON:



COMBAT SYSTEM:



NEW MODULAR COMBAT SYSTEM:



UTI - 1 FUZE

UTI – 1 is point – detonating, mechanical, impact fuze with remote arming and self – destruction devices.



A. PURPOSE

The fuze is intended to initiate the explosion of HE charge of the BR -1 -57 mm missile when fired from honeycomb L – 57 type launchers having the tube rear part open.

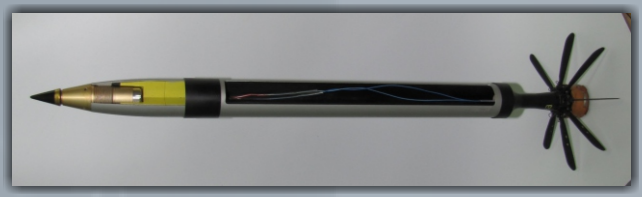
B. TECHNICAL DATA

- Safety ---------- as per MIL – STD – 1316 B
- Arming ---------- inertia type
- Arming distance at ground launching:
  - low limit (100% miss) ---------- at 100 m
  - upper limit (100% hit) ---------- 350 m
- Self – destruction time ---------- 10 to 15 s
- Minimum impact anagle at which the fuze surely acts ---------- 30°
- Fuze mass ---------- 265 g
- Fuze length ---------- max 155,72 mm
- Fuze length entering the missile ---------- max 70,13 mm
- Fuze connecting thread ---------- SpW 36,18 x 1/10“
- Maximum fuze diameter ---------- 40 mm

C. FUNCTIONAL DATA

- Action type ---------- superquick and inertia
- Temperature range of use ---------- - 60°C to + 50°C
- High safety during handling, transportation and storing.
- Environment test ---------- as per MIL – STD – 331 A
- Usage period is minimum 15 years under prescribed keeping and storing conditions.

WEAPON:





COMBAT SYSTEM:



UTI - 2 FUZE

UTI – 2 is point – detonating, mechanical, impact fuze with remote arming and self – destruction devices.



A. PURPOSE

- The fuze is intended to initiate the explosion of HEAT warhead of the 57 mm missile when fired from honeycomb L – 57 type launchers having the tube rear part open.

B. TECHNICAL DATA

- Safety ---------- as per MIL – STD – 1316 B
- Arming ---------- inertia type
- Arming distance at ground launching:
  - low limit (100% miss) --------- at 110 m
  - upper limit (100% hit) ---------- 400 m
- Self – destruction time ---------- 10 to 15 s
- Minimum impact anagle at which the fuze surely acts ---------- 30°
- Fuze mass ---------- 170 g
- Fuze length ---------- 125 mm
- Fuze length entering the missile ---------- max 25,5 mm
- Fuze connecting thread ---------- SpW 36,18x1/10“
- Maximum fuze diameter ---------- 40 mm

C. FUNCTIONAL DATA

- Action type ---------- superquick and inertia
- Temperature range of use ---------- - 60°C to + 50°C
- High safety during handling, transportation and storing.
- Environment test ---------- as per MIL – STD – 331 A
- Usage period is minimum 15 years under prescribed keeping and storing conditions.

WEAPON:





COMBAT SYSTEM:



UTI - 2P1 FUZE

UTI-2P1 is point-detonating, mechanical, and inertia impact fuse of superquick action.



A. PURPOSE

The fuze is intended for "MUNJA" HEAT warhead, Cal. 128 mm.

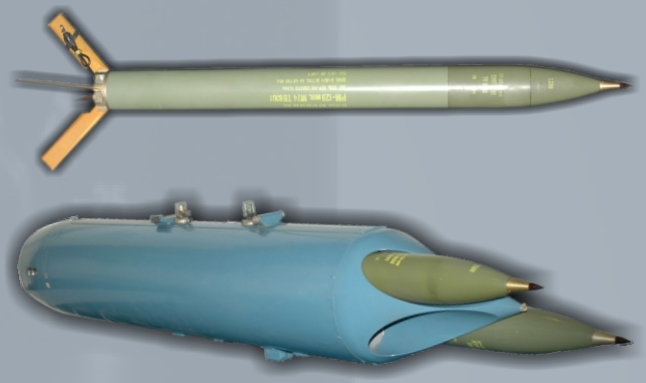
B. TECHNICAL DATA

- Safety ---------- as per MIL – STD – 1316 B
- Arming ---------- inertia type
- Low-explosive train is not interrupted
- Adjustment possibility ---------- none
- Successfull function at acceleration ---------- 150 g
- Fuze mass ---------- 176 g
- Fuze length ---------- max 140,3 mm
- Fuze length entering the missile ---------- max 45,5 mm
- Fuze connecting thread ---------- SpW 36,18x1/10"
- Maximum fuze diameter ---------- 40 mm

C. FUNCTIONAL DATA

- Muzzle safety ---------- 110 m
- Action type ---------- superquick and inertia
- Temperature range of use ---------- - 30°C to + 50°C
- High safety during handling, transportation and storing.
- Environment test ---------- as per MIL – STD – 331 A
- Usage period is minimum 15 years under prescribed keeping and storing conditions.

WEAPON:



COMBAT SYSTEM:





HOLDING CORPORATION

UTI - M84 FUZE

UTI – M84 is point – detonating, mechanical, impact fuze of superquick and inertia action.



A. PURPOSE

The fuze is intended for M63, M87 and PLAMEN-D missiles, Cal. 128 mm equipped with superquick blast warhead as well as for missile with smoke warhead of same caliber.

B. TECHNICAL DATA

- Safety ---------- as per MIL – STD – 1316 B
- Arming condition ---------- at 8000 – 14000 rpm
- Low – explosive train interrupted
- Drop safety ---------- 3 m
- Tightness ---------- waterproof
- Fuze mass ---------- 357,5 g
- Fuze length ---------- max 99,5 mm
- Fuze length entering the missile ---------- max 35,6 mm
- Fuze connecting thread ---------- M33 x 2 mm
- Maximum fuze diameter ---------- 38,2 mm

C. FUNCTIONAL DATA

- Muzzle safety ---------- min. 40 m without safety cap
- Action type ----------superquick and inertia
- Temperature range of use ---------- - 30°C to + 50°C
- High safety during handling, transportation and storing.
- Environment test ---------- as per MIL – STD – 331 A
- Usage period is minimum 15 years under prescribed keeping and storing conditions.

WEAPON:



COMBAT SYSTEM:







UTI - M84 P1 FUZE

UTI – M84 P1 is point – detonating, mechanical, impact fuze of superquick and inertia action.



A. PURPOSE

The fuze is intended for M15 rocket, Cal.107mm equipped with superquick blast warhead as well as for missile with smoke warhead of same caliber.

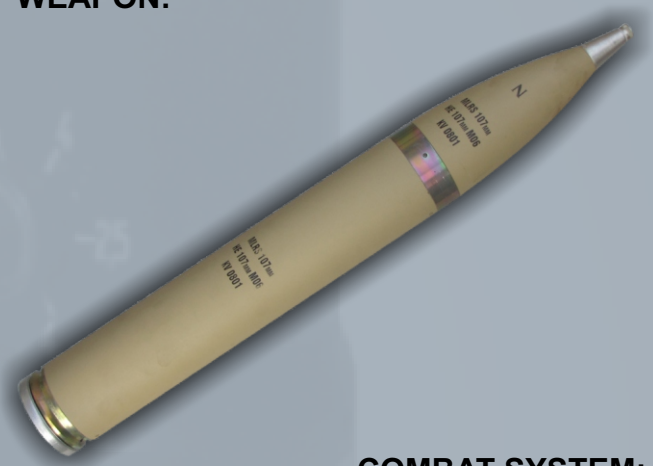
B. TECHNICAL DATA

- Safety ---------- as per MIL – STD – 1316 B
- Arming condition ---------- min 12000 rpm
- Low – explosive train interrupted
- Drop safety ---------- 3 m
- Tightness ---------- waterproof
- Fuze mass ---------- 467 g
- Fuze length ---------- 107,3 mm
- Fuze length entering the missile ---------- 44,9 mm
- Fuze connecting thread ---------- M36,18X10/1"
- Maximum fuze diameter ---------- 40 mm

C. FUNCTIONAL DATA

- Muzzle safety ---------- min. 12 m without safety cap
- Action type ----------superquick and inertia
- Temperature range of use ---------- - 30°C to + 50°C
- High safety during handling, transportation and storing.
- Environment test ---------- as per MIL – STD – 331 A
- Usage period is minimum 15 years under prescribed keeping and storing conditions.

WEAPON:



COMBAT SYSTEM:





UTIU – M72 B1 FUZE (AU – 18)

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



A. PURPOSE

The fuze is intended for HE grenades , Cal. 85, 100, 122, 130 and 152 mm.

B. TECHNICAL DATA

- Safety ---------- as per MIL – STD – 1316 B
- Arming type ---------- inertia and pyrotechnical
- Minimum arming condition :
  - acceleration ---------- 3000 g
  - rotation ---------- 4000 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 ---------- SpW 36,14 x 2,54
- Maximum fuze diameter ---------- 40 mm

C. FUNCTIONAL DATA

- Muzzle safety ---------- min. 10 m
- Action type ---------- superquick, inertia and delay 0,020 to 0,050 s
- Temperature range of use ---------- - 30°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.

WEAPON:



COMBAT SYSTEM:



UTIU – M85 FUZE (AU – 20E)

UTIU – M 85 is point – detonating, mechanical fuze of superquick, inertia and delay action adjustable by sleeve turning and cap removing.



A. PURPOSE

The fuze is intended for non – rotating superquick – action HE projectiles , Cal. 100,115 and 125 mm .

B. TECHNICAL DATA

- Safety ---------- as per MIL – STD – 1316 B
- Arming type ---------- inertia and pyrotechnical
- Minimum arming condition :
  acceleration ---------- 3000 g
- 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 ---------- SpW 36,14 x 2,54
- Maximum fuze diameter ---------- 40 mm

C. FUNCTIONAL DATA

- Muzzle safety ---------- min. 10 m
- Action type ---------- superquick, inertia and delay 0,020 to 0,050 s
- Temperature range of use ---------- - 30°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.

WEAPON:





COMBAT SYSTEM:





UTIU, M15 FUZE

UTIU, M15 is point – detonating, mechanical fuze of superquick, inertia and delay action adjustable by sleeve turning.



A. PURPOSE

The fuze is intended for HE projectile, Cal. 155 mm M107.

B. TECHNICAL DATA

- Safety ---------- as per MIL – STD – 1316 B
- Arming type ---------- inertia and pyrotechnical
- Minimum arming condition :
  - acceleration ---------- 3000 g
  - rotation ---------- 3100 rpm
- Drop safety ---------- 3 m
- Tightness ---------- waterproof
- Fuze mass ---------- ~ 700 g
- Fuze length ---------- ~ 160 mm
- Fuze length entering the grenade ---------- max 55 mm
- Fuze connecting thread ---------- NS 2”x1/12”
- Maximum fuze diameter ---------- 60,4 mm

C. FUNCTIONAL DATA

- Muzzle safety ---------- min. 10 m
- Action type ---------- superquick, inertia and delay 0,020 to 0,050 s
- Temperature range of use ---------- - 30°C to + 50°C
- High safety during handling, transportation and storing.
- Environment test ---------- as per MIL – STD – 331 A
- Usage period is minimum 10 years under prescribed keeping and storing conditions.

WEAPON:



COMBAT SYSTEM:



FUZE MRV-U (AU – 32)

MRV-U – M 85 is point – detonating, mechanical fuze of superquick and delay action. Action selecting by turning of sleeve.



A. PURPOSE

The fuze is intended for "GRAD" HE warhead, Cal. 122 mm.

B. TECHNICAL DATA

- Safety type ---------- Partly interrupted explosive train
- Fuze mass ---------- 720 g
- Fuze length ---------- max 197,1 mm
- Fuze length entering the rocket ---------- max 55 mm
- Fuze connecting thread ---------- SpM 44,96 x 2
- Maximum fuze diameter ---------- 64 mm

C. FUNCTIONAL DATA

- Muzzle safety ---------- During the active phase of rocket motor (1,5 s)
- Action type ---------- Superquick
  - Delay 0,001 to 0,005 s
  - Delay 0,007 to 0,013 s
- Minimal arming conditions ---------- Acceleration 20 g
- Drop safety ---------- 3 m
- Airtightness ---------- Airtight
- Temperature range of use ---------- - 30°C to + 50°C
- High safety during handling, transportation and storing.
- Environment test ---------- as per MIL – STD – 331 A
- Usage period is minimum 15 years under prescribed keeping and storing conditions.

WEAPON:



COMBAT SYSTEM:



NEW MODULAR COMBAT SYSTEM:



KruŠik HOLDING CORPORATION

AUFK – M91 FUZE

AUFK – M 91 is impact ,inertia-type of an electric - mechanical fuze for aircraft bombs with superquick (T) and delay action (U) adjustable by mode selector.



A. PURPOSE

The fuze is intended for high-explosive aircraft bombs with or without drag chute.

B. TECHNICAL DATA

- Front and rear inertia action
- Completely secured
- Arming time for aircraft bomb without drag chute depends on action mode as follows :
  1. 2,5 sec for delayed action
  2. 3,6 sec for delayed action
  3. 3,6 sec for superquick action
- Arming time for aircraft bomb equipped with drag chute is 2,5 sec where successfull braking results in impact action, while unsuccessfull braking results in delayed action.
- Delayed action time is 22 ± 4 sec.
- Electrical arming
- Equipped with a status indicator (armed, unarmed, superquick or delay)
- The fuze is waterproof
- Mode selection is manual without accessories.
- Fuze mass ---------- 1650 g
- Fuze length ---------- 258 mm
- Max. diameter ---------- 90 mm
- Fuze connecting thread ---------- M52 x 3
- Fuze lenght entering the bomb ---------- 136 mm

C. FUNCTIONAL DATA

- Superquick and delayed action
- Temperature range of use ---------- - 40°C to + 60°C
- Fuze in its packaging is safe in anu storing conditions
- Fuze life is 10 years min. under prescribed keeping and storing conditions

WEAPON:



COMBAT SYSTEM:





Krusik has been awarded two certificates for the Qualit Managment System:
SRPS ISO 9001:2008; ISO 9001:2008; SORS 9000/05, ISO 14001:2004, OHSAS 18001:2007 and SRPS ISO/ IEC 17025:2006

