

[Firearms Russia](#)

7,62 mm light machine gun Degtyarev RPD

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Overview and characteristics

The machine gun was developed Degtyarev under the intermediate cartridge 7,62 × 39 arr. 1943. On arms was adopted in 1944 and remained in service until 1959 when replaced by the machine gun Kalashnikov PC. Machine gun was assigned an index RPD (Degtyarev light machine gun). RPD machine gun produced under license in China called "Type 56 and Type-1, as well as in North Korea as a" Type 62 ".

Automatics guns are powered by the energy of powder gases bled through a side opening in the barrel.

The barrel is locked by two symmetrically positioned relative to the vertical plane of the lugs, forming a link with the receiver (similar to gun DP).

The trigger mechanism striker type allows only a continuous fire.

Safety of a lever-type locks trigger.

Sights consist of an open fly and sectoral scope.

Powered machine gun bullets made of metal zveneovoy tapes, consisting of two units of 50 rounds linked together through the cartridge. Tape is placed in the discharge of guns from a round box.

Trunk irremovable.

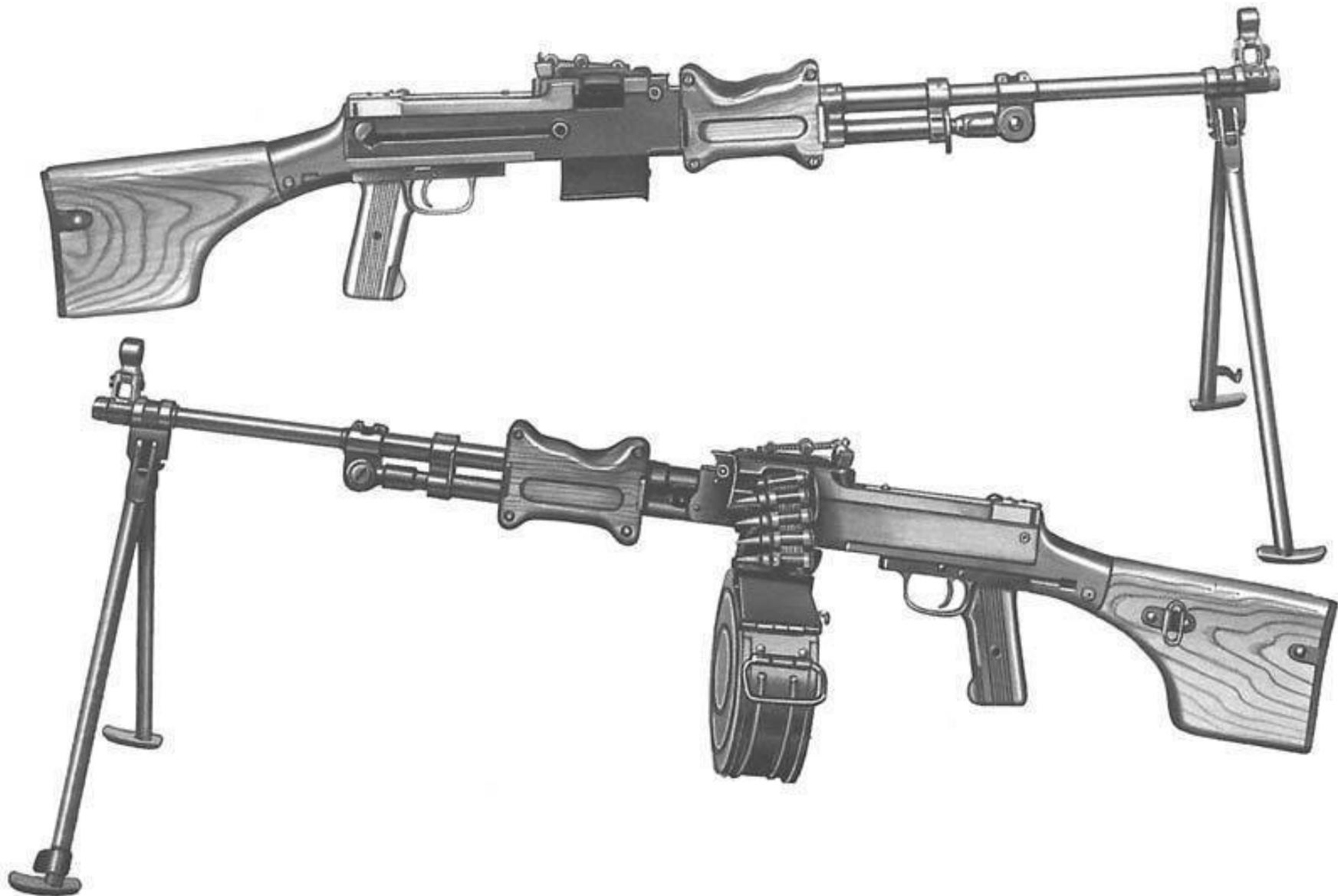
Machine gun equipped with a bipod.

Basic data

Caliber	7,62 mm
Cartridge	7,62 × 39
Weight:	
with Bipod	7.9 kg
with loaded magazine	9 kg
Length:	
Total	1037 mm
trunk	520 mm
Muzzle velocity	735 m / sec
Rate of fire	650-750 rds / min
Capacity of the tape	100 rounds

Advantages of a machine gun: ammo belt feed, lightweight machine gun, mount the box with tape to increase the maneuverability of the machine gun.

Disadvantages: The shooting started in the rear sear; offset cartridges in the tape leads to a delay.



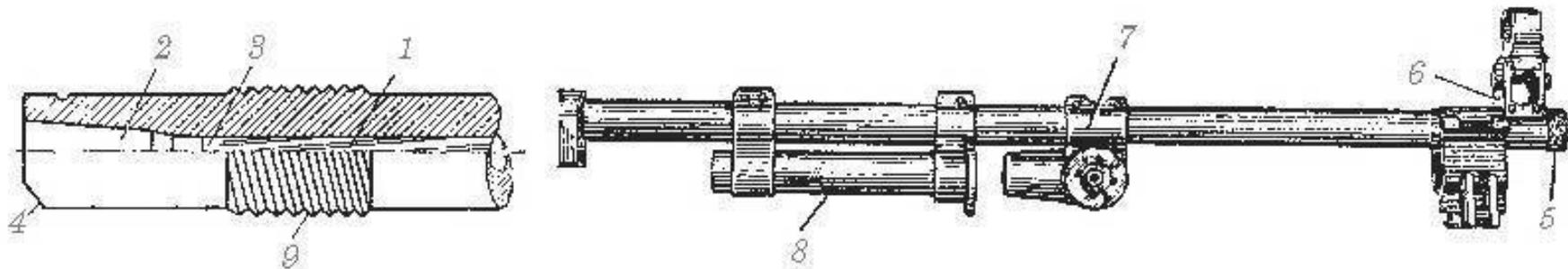
Machine gun RPD-44 (at the top - without a box with a ribbon)

The design of parts and mechanisms

Trunk

Trunk inside a channel with four rifling, climbing from left to right, the chamber with pulnym entrance and a side opening for the removal of powder gases into the gas chambers.

Trunk from the outside has: cut on the breech for toe drop, the front sight base, cutting at the breech to the coupling, the threaded portion for connection to the receiver.



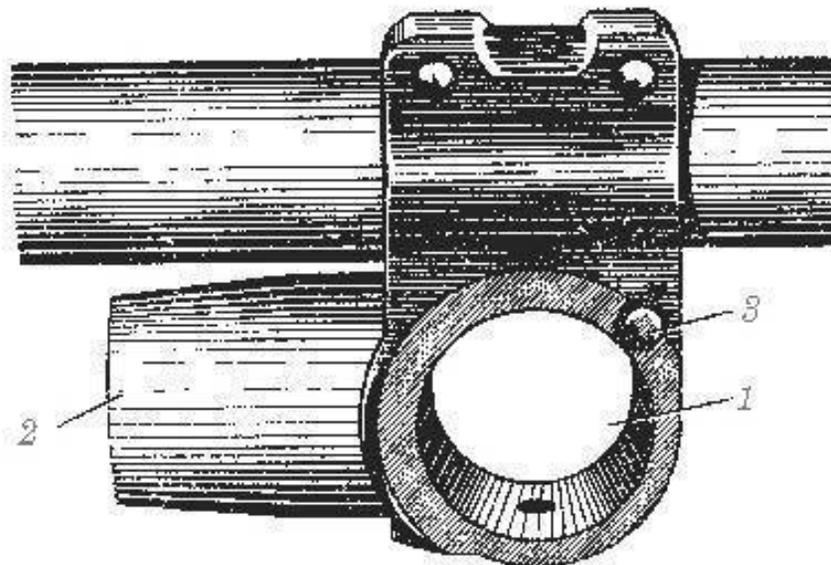
Ствол (слева — казенная часть в разрезе):

*1 — нарезная часть; 2 — патронник; 3 — пульный вход; 4 — вырез для выбрасывателя;
5 — муфта; 6 — основание мушки с мушкой; 7 — газовая камера с регулятором;
8 — газовая трубка; 9 — резьба*

Barrel (left - breech in the section): 1 - threaded part 2 - the chamber, 3 - pulny input, 4 - cut-out for drop 5 - Clutch, 6 - the front sight base with the front sight, and 7 - a gas chamber with the regulator, 8 - gas tube, 9 - thread

Gas chamber

Gas chamber - is part of a complex configuration, which has: a vertical hole for the removal of powder gases from the barrel, cross-hole for the regulator; pipe to accommodate the gas piston; slot to accommodate the stopper of the gas regulator.

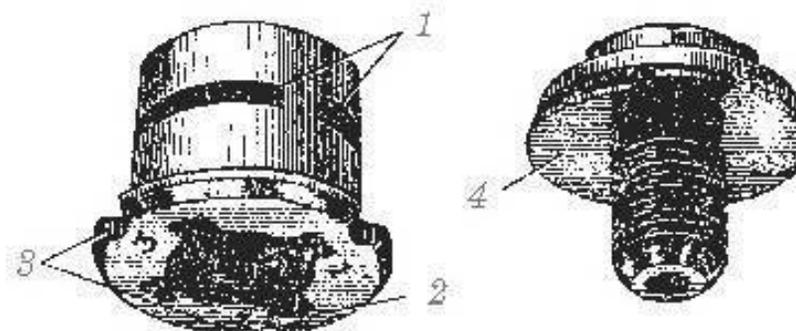


*Газовая камера:
1 — поперечное отверстие для
регулятора; 2 — патрубков; 3 — стопор*

Gas chamber: 1 - cross hole for the regulator, 2 - tube, 3 - stopper

Gas regulator

Gas regulator - is part of the form of a hollow cylinder, inside which there are three grooves, varying in width. Located in front of the reference halo and cutouts for the stopper.



*Регулятор с винтом:
1 — канавки; 2 — венчик;
3 — вырезы для стопора;
4 — пружинная шайба*

Regulator with a screw: 1 - groove 2 - halo 3 - cutouts for the stopper, 4 - Spring Washer

Gas pipe

A gas tube used for the direction of motion of the gas piston. It consists of:

- proper tube;
- Front muff;
- back coupling.

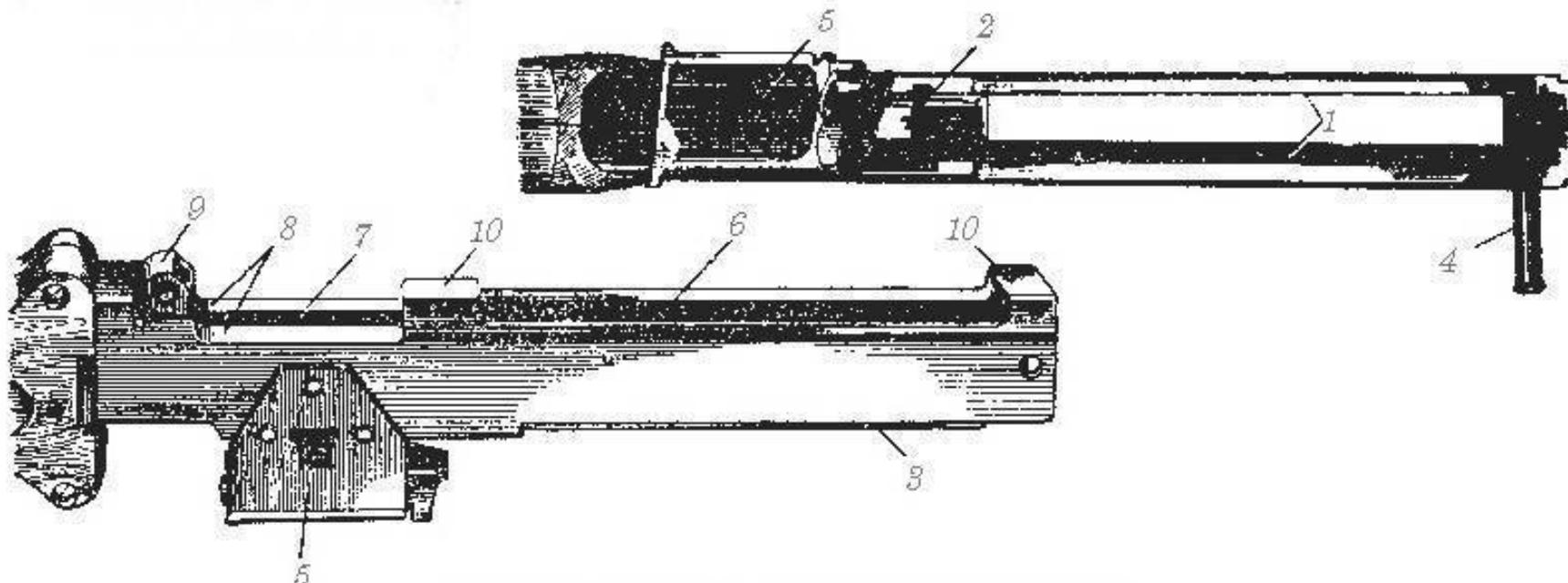
Couplings provide a mounting tube to the barrel. The front sleeve has a swivel, the tide with a hole for cleaning rod and whisk reflecting powder gases emerging from the nozzle of the gas tube.

Forend - a wooden piece, consisting of two cheeks with metal strips.

Receiver

Receiver features: guide slots for the bolt carrier; fighting ledges to accommodate lugs shutter reflector for spent cartridges, slots for connecting the trigger frame with trigger box; bracket for the box with tape, a longitudinal box rack bolt, the window for the passage of the cartridge; cut to the base receiver ear pad for connecting the receiver, two jumpers, of which the rear has a groove for the tooth latch receiver; longitudinal cut with a hole for the handle reloading.

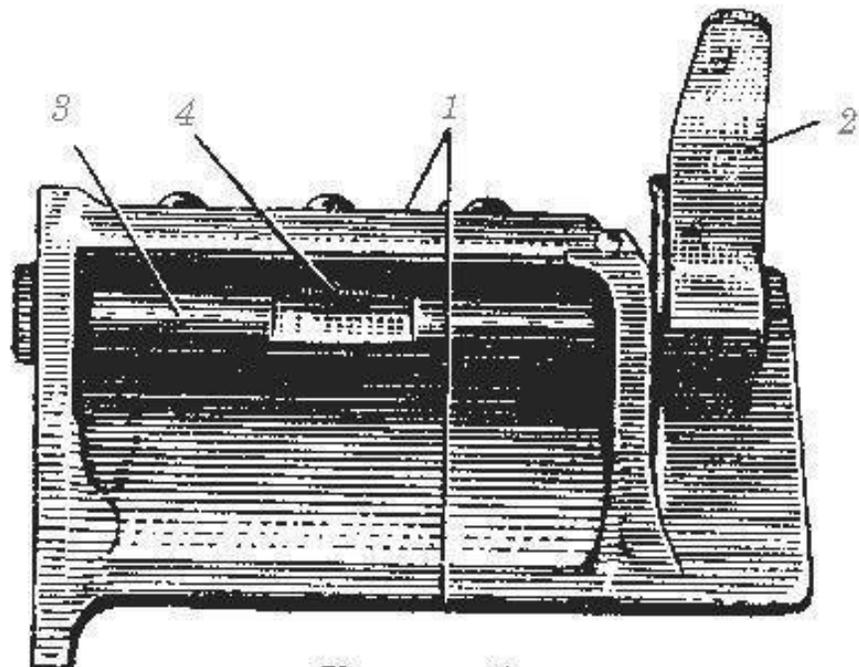
For the receiver side of the bracket is attached, ensuring adherence to the gun box with tape. Fastening is provided by projections bracket and check with the axis.



Ствольная коробка (вид слева и снизу):

- 1 — направляющие пазы; 2 — отражатель; 3 — пазы для спусковой рамы; 4 — чека;
5 — кронштейн; 6 — продольное окно; 7 — окно для прохода патрона;
8 — вырез для основания приемника; 9 — ушко; 10 — перемычки*

Receiver (left side and bottom): 1 - guide slots, 2 - reflector 3 - grooves to trigger frame, 4 - check; 5 - Bracket 6 - Longitudinal window, 7 - a window for passage of the cartridge, 8 - cut to the base Receiver 9 - abalone, 10 - jumpers



Кронштейн:

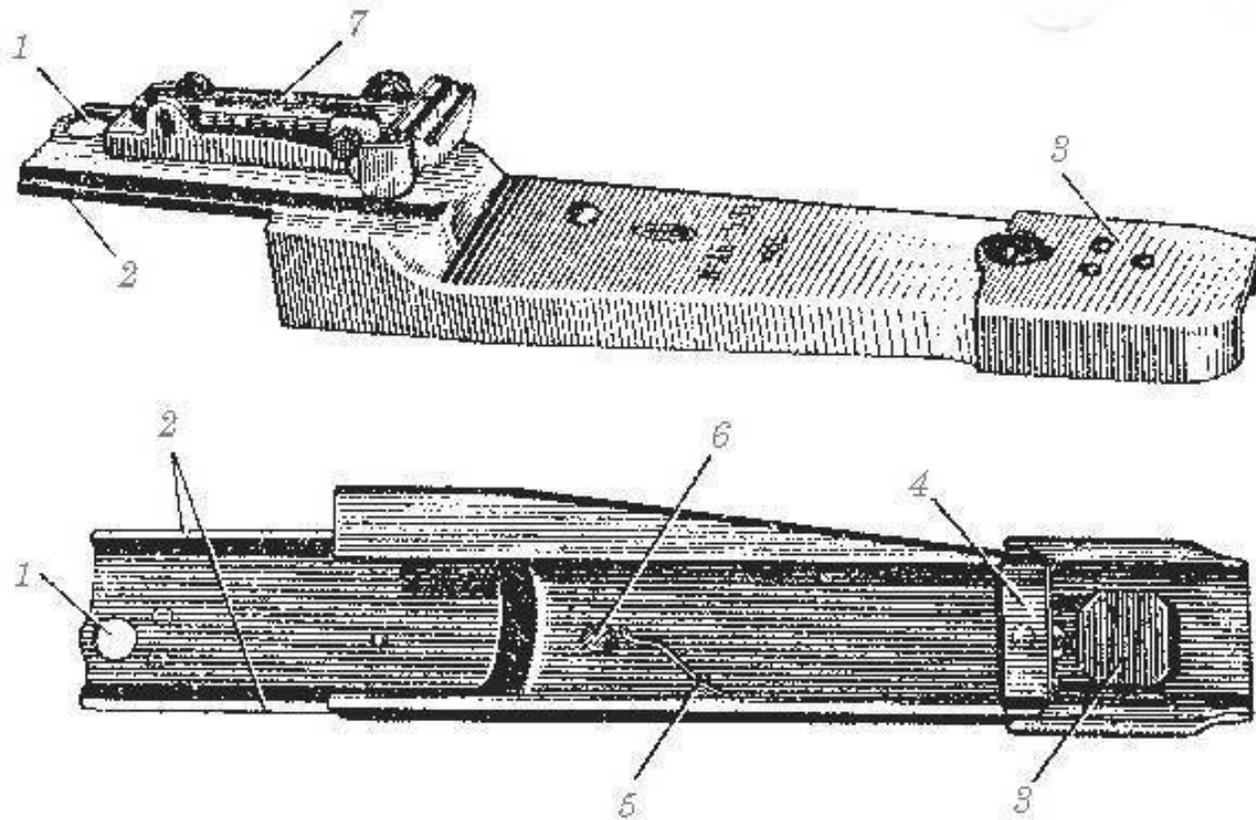
- 1 — выступы для зацепа коробки;*
- 2 — флажок; 3 — ось флажка;*
- 4 — пластинчатая пружина*

Bracket: 1 - projections for the toe box 2 - box 3 - axis check box 4 - leaf spring

Cover the receiver

Cover the receiver provides the closing of the receiver and the location of the feeder belt. It has: an opening for an annular ledge of a large lever; guides for shoes receiver latch receiver, the bar for the lock spring latches.

On the lid is mounted sight.



Крышка ствольной коробки (вид слева и снизу):

1 — отверстие для кольцевого выступа большого рычага; 2 — направляющие выступы для колодки приемника; 3 — защелка; 4 — планка; 5 — пластинчатая пружина; 6 — ось малого рычага; 7 — прицел

Cover the receiver (left side and bottom): 1 - opening for an annular ledge of a large lever, 2 - guides for shoes Receiver 3 - Latch 4 - strap, 5 - leaf spring 6 - axis small lever 7 - Sight

Receiver

The unit provides supply tape cartridges. It is for submitting tapes. It consists of two parts: the base and the pad, which form a cross-box by which moves tape cartridges.

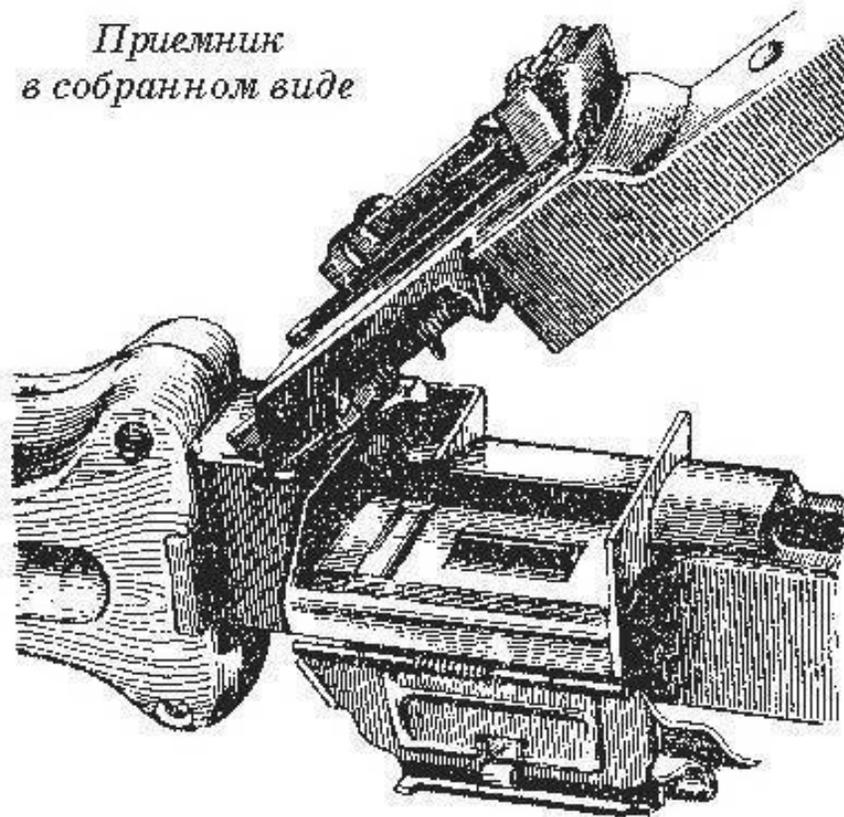
The base has: a longitudinal window for the passage of the cartridge and dosylately shutter transverse projection for guiding patrons. The composition of the base include details of:

- finger with a spring that keeps the tape from the fall-out;
- cutter cartridges, which separates the cartridge from the tape and restricting the promotion of the cartridge to the right.

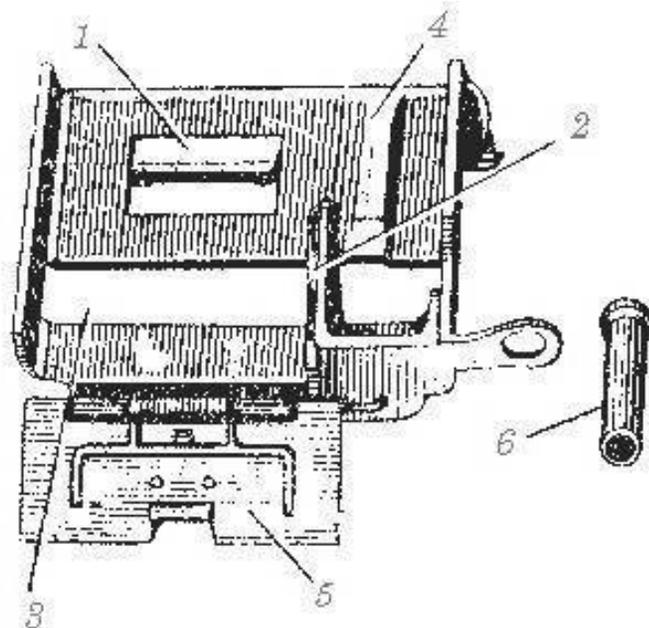
Go to the bottom of the receiver on the right and left flaps are attached, covering the window from contamination.

Block is: longitudinal grooves to cover the receiver, the hole for the tube axis connecting block with a lid, window guides for feeder; fixing protrusion, which, together with a lock ensures the correct position of the cartridge in a longitudinal box receiver.

*Приемник
в собранном виде*



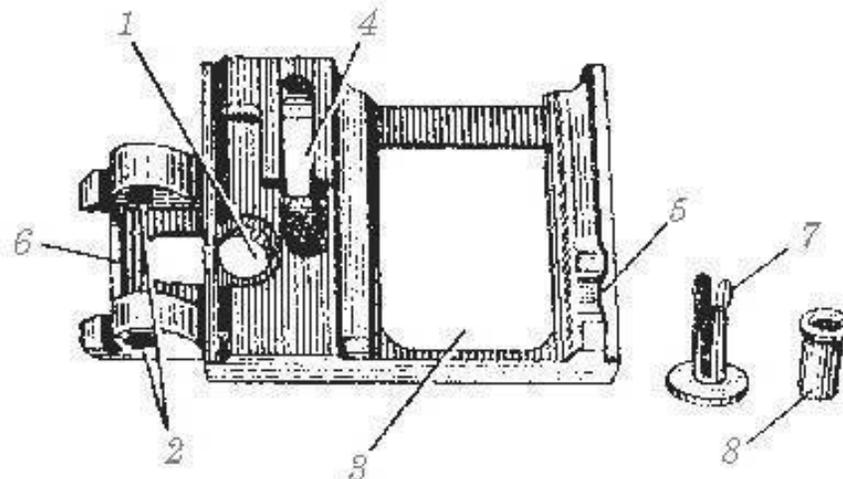
The unit assembled



Основание приемника:

1 — палец, удерживающий ленту от выпадания; 2 — отсекатель патрона; 3 — продольное окно; 4 — поперечный выступ; 5 — щиток; 6 — ось

Base receiver: 1 - a finger that keeps the tape from the fall-out, 2 - cutter holder, 3 - longitudinal window, 4 - lateral projection, 5 - Shield 6 - axis



Колодка приемника:

- 1 — отверстие для трубчатой оси;*
- 2 — проушины; 3 — окно для подавателя;*
- 4 — фиксатор; 5 — фиксирующий выступ;*
- 6 — пружинная защелка; 7 — трубчатая ось; 8 — разрезная чека*

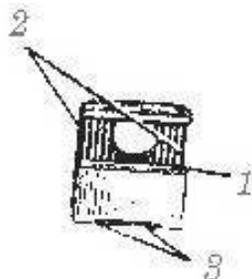
Block the receiver: 1 - opening for the tubular axis, 2 - eyelets, 3 - window feeder, 4 - lock, 5 - fixing protrusion 6 - Spring Latch, 7 - tubular axle, 8 - split the check

Feeder

Feeding mechanism consists of the following items:

- feeder;
- small lever filing;
- large lever feed.

Follower is to move the tape cartridges. He has: a longitudinal recess for a small lever filing of the side guide slots; fingers filing, worn on top lugs on the axle and a spring held in a retracted state.



Податель:

- 1 — продольный вырез;*
- 2 — направляющие пазы;*
- 3 — пальцы подачи*

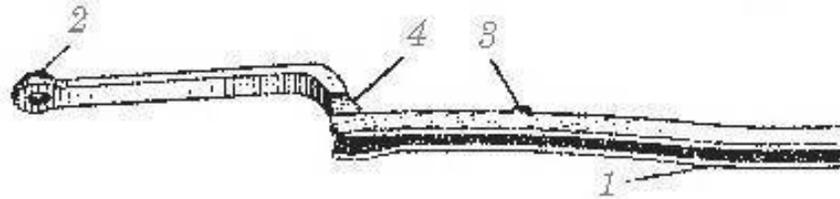
Follower: 1 - longitudinal cut, 2 - guide slots, 3 - feed your fingers

Large lever feed is: cam, which moves on roller racks bolt, collar with a hole for the tube axis on which the lever rotates, the protrusion, moving a small lever, lug that prevents the rise of a small lever up. Large lever actuates a small arm.



Рычаги подачи в сборе

Leverage supply assembly

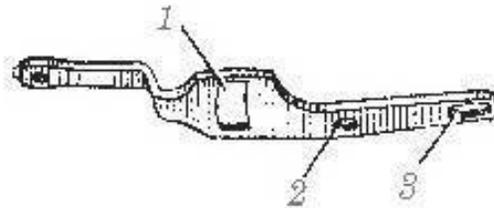


Большой рычаг подачи:

1 — криволинейный паз; 2 — кольцевой выступ; 3 — выступ, приводящий в движение малый рычаг; 4 — выступ, препятствующий подъему малого рычага вверх

Large lever filing: 1 - cam 2 - collar, 3 - protrusion, moving a small lever, 4 - lug that prevents the rise of a small lever up

Small lever feed is: The hole for the passage of a large lever filing; hole axis, mounted on the lid of the receiver, opening for the protrusion of a large lever feed. Small lever filing sets in motion the follower.



Малый рычаг подачи:

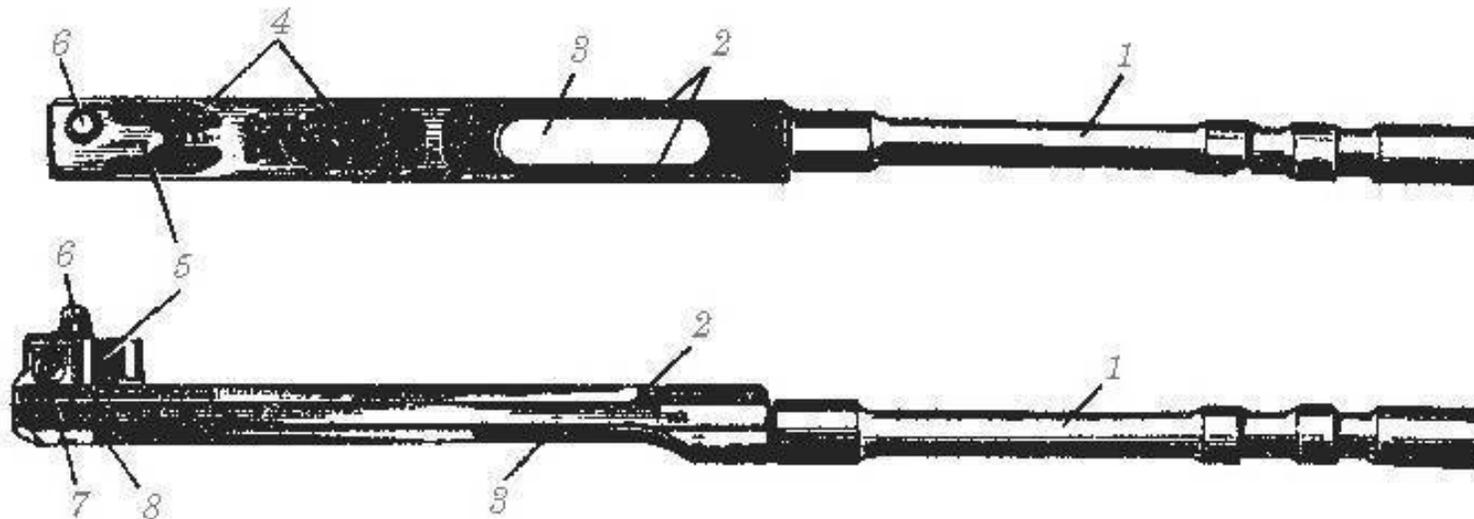
1 — отверстие для прохода большого рычага; 2 — отверстие для оси; 3 — отверстие для выступа большого рычага

Small lever filing: 1 - opening for the passage of a large lever, 2 - hole axis, 3 - hole for the protrusion of a large lever

Slide frame with gas piston

Slide frame has: a guide for the direction of the frame in the receiver, the window to remove the spent cartridges; figured workpits for placing protrusions lugs shutter figured workpits for placing the projection figure of the core bolt; stand for breeding lugs bolt; spherical recess for resting on the front the end of the leash return mechanism; cocked; protrusion for coupling with the handle reloading of the latest designs, and the old - a hole for the handle recharging rack.

The gas piston is made in the form of a long cylindrical rod having three grooves, one - to facilitate and two - for obturation of powder gases.



Затворная рама с газовым поршнем (вид сверху и сбоку):

*1 — газовый поршень; 2 — направляющие выступы; 3 — окно для прохода гильз;
4 — фигурные выемки; 5 — стойка; 6 — ролик; 7 — отверстие для рукоятки
перезарядания; 8 — боевой взвод*

Slide frame, gas piston (top view and side): 1 - gas-piston, 2 - Guides, 3 - a window for passage of shells, 4 - curly workpits 5 - Stand 6 - video 7 - hole for the handle reloading, 8 - cocked

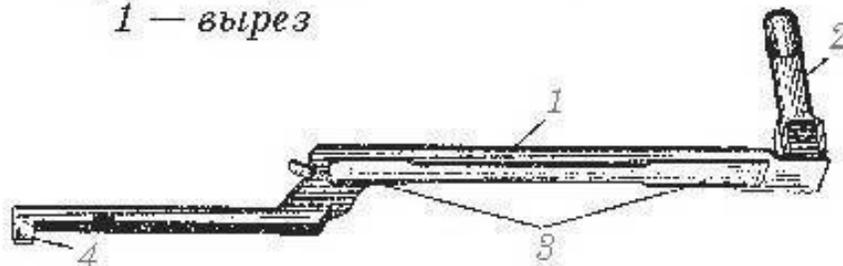
Handle reloading

In the first design she had cutouts for the traffic receiver and inserted into a hole rack bolt. Later it was changed and has become composed of two parts: the base and swing arm.

The base has: projections for the direction of motion in the slot receiver, a ledge for engaging the bolt carrier.

When the shooting arm is stationary and located in the folded position.

*Рукоятка перезаря-
жания пулеметов
первого выпуска:
1 — вырез*



*Рукоятка перезаряжания
пулеметов последнего выпуска:
1 — основание; 2 — откидная рукоятка;
3 — выступы; 4 — выступ для сцепления
с затворной рамой*

Handle reloading of guns of the first issue: 1 - cut (top)

Handle reloading of guns last issue: 1 - base 2 - folding handle, 3 - ledges, 4 - Guide for coupling the bolt carrier

Shutter

The shutter is a set of parts, which includes:

- skeleton of the gate;
- two lugs;
- drummer with a hairpin;
- extractor with the axis gnetkom and spring.

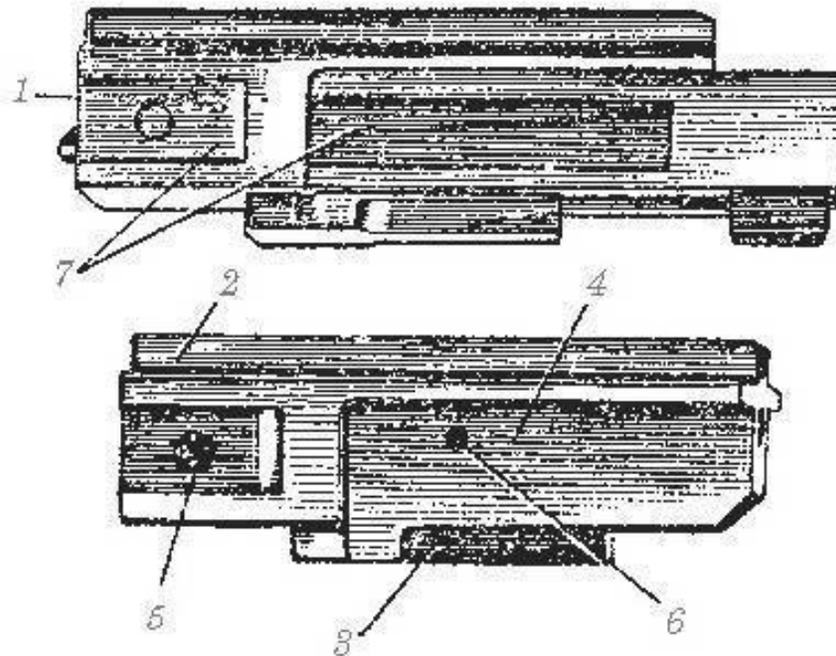
The skeleton of the gate is a piece made in the form of a complex configuration of the prism, which has: cylindrical recess (cup) for cap sleeves, a cylindrical cutout for drop with gnetkom and spring, opening for the striker firing pin, crest with a groove for the reflector, the front part of which is dosylatelem; shaped protrusion for contact with the bolt carrier; workpits for lugs, transverse holes for axles and pins; workpits, reducing friction, a channel for the striker.

Drummer is a long rod with a pointed end, which is the busiest and workpits for limiting the studs.

Lugs - is flat parts, which have ledges, the upper part of which provides them with breeding, and the bottom - their information.

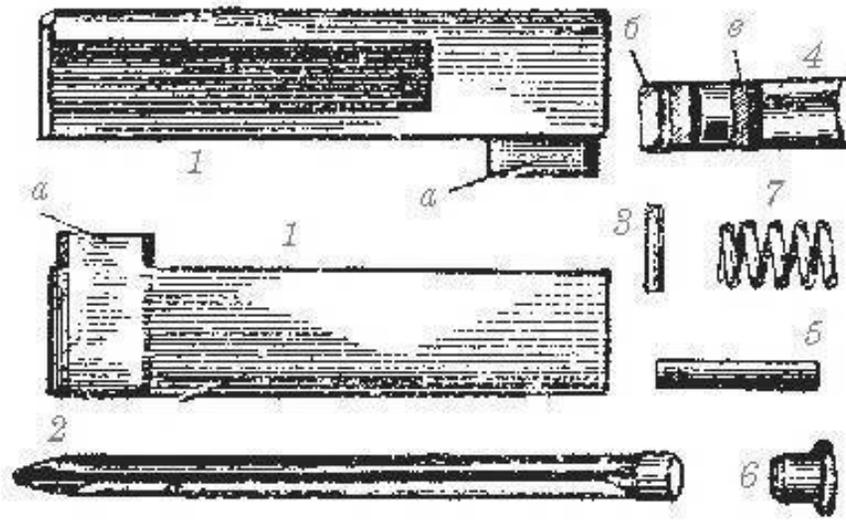
Extractor is designed as a short rod, which has a hook to grab the sleeve and the transverse axis of the notch.

Ejector spring - is twisted coil spring.



*Затвор в сборе (вверху) и остов затвора:
1 — вырез; 2 — гребень; 3 — фигурный
выступ; 4 — выемки для боевых упоров;
5 — отверстие для оси выбрасывателя;
6 — отверстие для шпильки ударника;
7 — выемки для уменьшения трения*

The shutter assembly (top) and the skeleton of the shutter: 1 - cut 2 - comb, 3 - shaped protrusion 4 - workpits for lugs, 5 - hole for the ejection axis, 6 - hole for the striker pin 7 - workpits to reduce friction



Части затвора:

- 1 — боевые упоры (а — выступы);
2 — ударник; 3 — шпилька ударника;
4 — выбрасыватель (б — зацеп; в — вырез
для оси); 5 — ось выбрасывателя;
6 — гнеток; 7 — пружина выбрасывателя*

Of the shutter: 1 - lugs (a - projections), 2 - a drummer, 3 - pin striker, 4 - extractor (b - is caught in the - cut to the axis), 5 - axis of the ejector 6 - gnetok 7 - spring ejector

Return mechanism

Return mechanism includes a reciprocating mainspring, leash and bar.

Back-action spring - a twisted coil spring.

Leash - a rod with a halo on the back end to back-stop the mainspring.

The rod has a rear end to whisk all the way back and the mainspring.



Возвратный механизм:

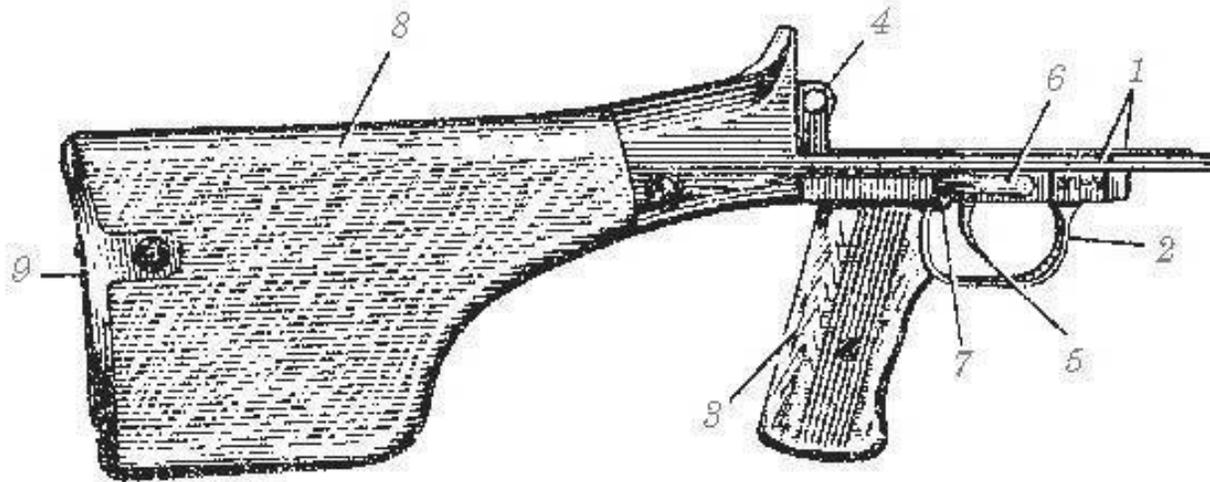
- 1 — возвратно-боевая пружина; 2 — поводок; 3 — венчик поводка; 4 — стержень;
5 — венчик стержня; 6 — выступы*

Return mechanism: 1 - back-action spring, 2 - lead, 3 - halo leash, 4 - Terminal 5 - beater bar, 6 - tabs

Shutter frame with butt

Trigger frame has: longitudinal protrusions to connect to the receiver; slot for the trigger, an oblong hole for a tooth guard, the trigger guard to prevent the trigger, eye checks for connecting with receiver; cutout for the head ramrod.

Attached to the butt swivel and a metal back plate with a lid, which holds the latch. Inside, the stock has workpits for placing the tube into which is inserted into a return mechanism, and socket for foam with membership.



Спускочная рама

с прикладом:

1 — продольные выступы для соединения со ствольной коробкой; 2 — спусковая коробка; 3 — пистолетная рукоятка; 4 — проушины для чеки; 5 — спусковой крючок; 6 — предохранитель; 7 — зуб предохранителя; 8 — приклад; 9 — затыльник

Shutter frame with butt: 1 - longitudinal protrusions to connect to the receiver, and 2 - release box 3 - pistol grip, 4 - eye checks for 5 - trigger; 6 - Fuse 7 - tooth guard, 8 - Applied, 9 - backplate

The trigger mechanism

The trigger mechanism has the following details:

- sear;
- spring sear;
- trigger with the axis;
- fuse with the spring.

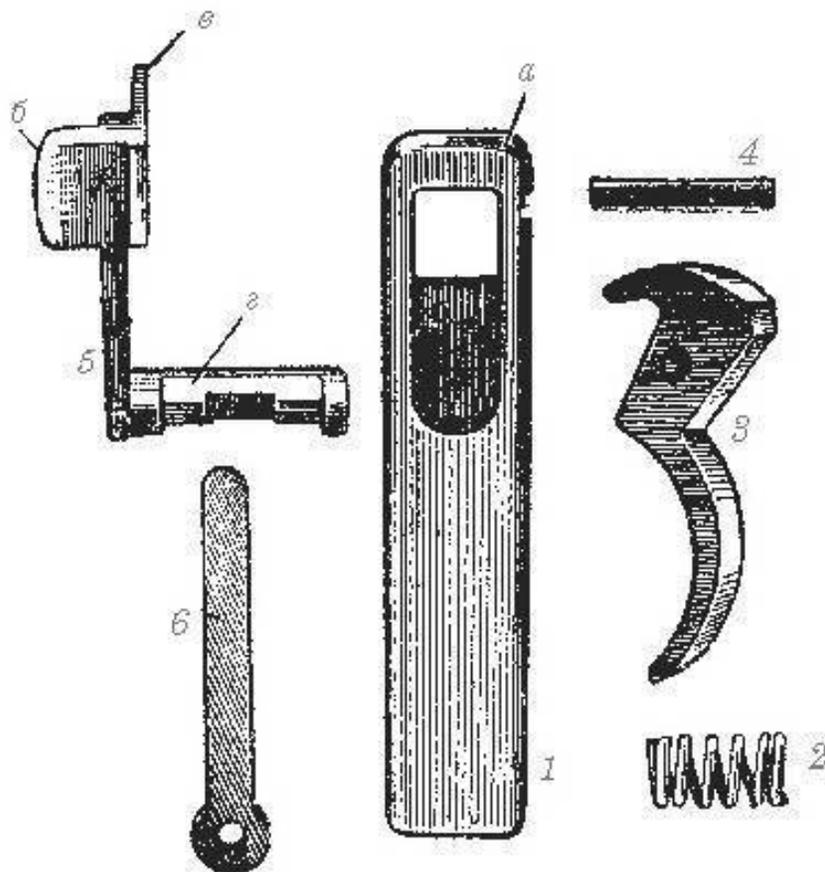
The trigger lever - a flat rectangular piece having a window for contact with the hook trigger. The back of the trigger lever acts as a whisper.

Spring trigger lever - this twisted coil spring.

The trigger has a tail to contact the finger arrow head with a hole for the axle and hooks for contact with the trigger lever.

Fuse is a rod with a head in the form of a check box for the convenience of working with him. Fuse has: a tooth for a lock bolt, cut, allowing the trigger lever to descend at off guard.

Spring protection - is a flat spring, working on a bend, which has at one end, rounding, and another head with a hole for fixing.



*Детали спускового механизма:
1 — спусковой рычаг (а — шептало); 2 —
пружина спускового рычага; 3 — спусковой
крючок; 4 — ось спускового крючка; 5 —
предохранитель (б — флажок; в — зуб
предохранителя; г — вырез); 6 — пружина
предохранителя*

Details of the trigger: 1 - sear (a - sear), 2 - spring trigger lever 3 - trigger; 4 - axis of the trigger, 5 - Fuse (b - box, to - tooth guard, d - cut out) 6 - Spring Guard

Sights

Sights consist of flies and sectoral scope. The composition of sight includes the following details:

- Pads sight;
- rib;
- entirety;
- screw entirely with handwheel;

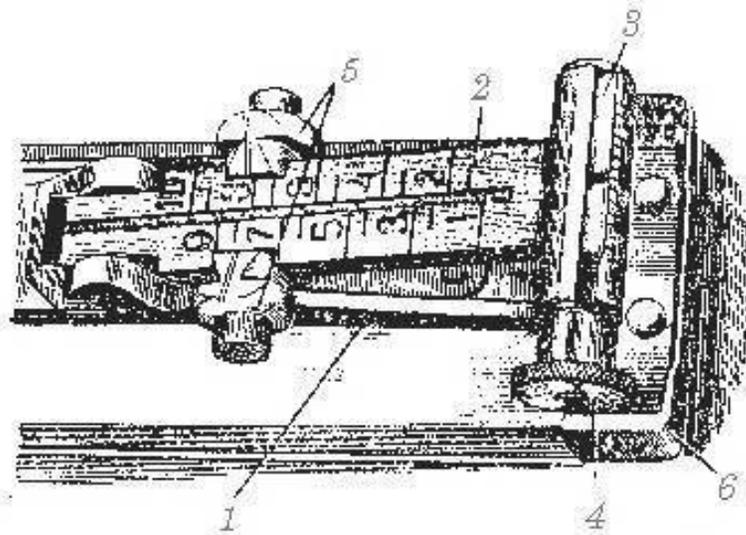
- clip with two latches and springs.

Block the sight has: two sectors (left and right), providing the installation of a given height bracket eyelets for attaching the sight leaf; socket mounting plate spring; fuse entirely.

Rib has an opening for the axis, and two of the same scale, caused the top and bottom for easy mounting clip to the desired division. The scale has divisions from 1 to 10, indicating a distance of hundred meters.

Pillar causes the side of amendments to the wind and the movement goal. He has: Grivko with slits for sighting; knob to enter the amendments.

Fly rod has a shape and screwed into the fuse, which is placed in the grooves of front sight base and fastened the bolt and nut.

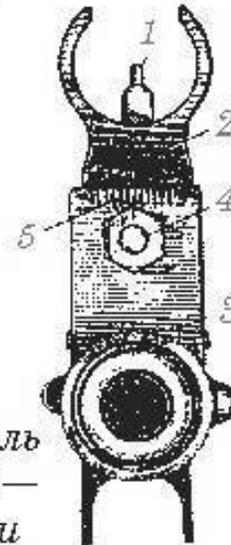


Прицел:

1 — колодка прицела с пластинчатой пружиной; 2 — прицельная планка; 3 — целик; 4 — маховичок винта целика; 5 — хомутики; 6 — предохранитель целика

Мушка:

1 — мушка; 2 — предохранитель мушки; 3 — основание мушки; 4 — болт; 5 — шкала с делениями



Sight: 1 - block the sight of Diaphragm, 2 - rib, 3 - rear sight, 4 - knob screw entirely, 5 - Cord management straps, 6 - fuse completely (top)

Fly: 1 - fly 2 - Guard flies and 3 - the front sight base, 4 - bolt, 5 - point scales

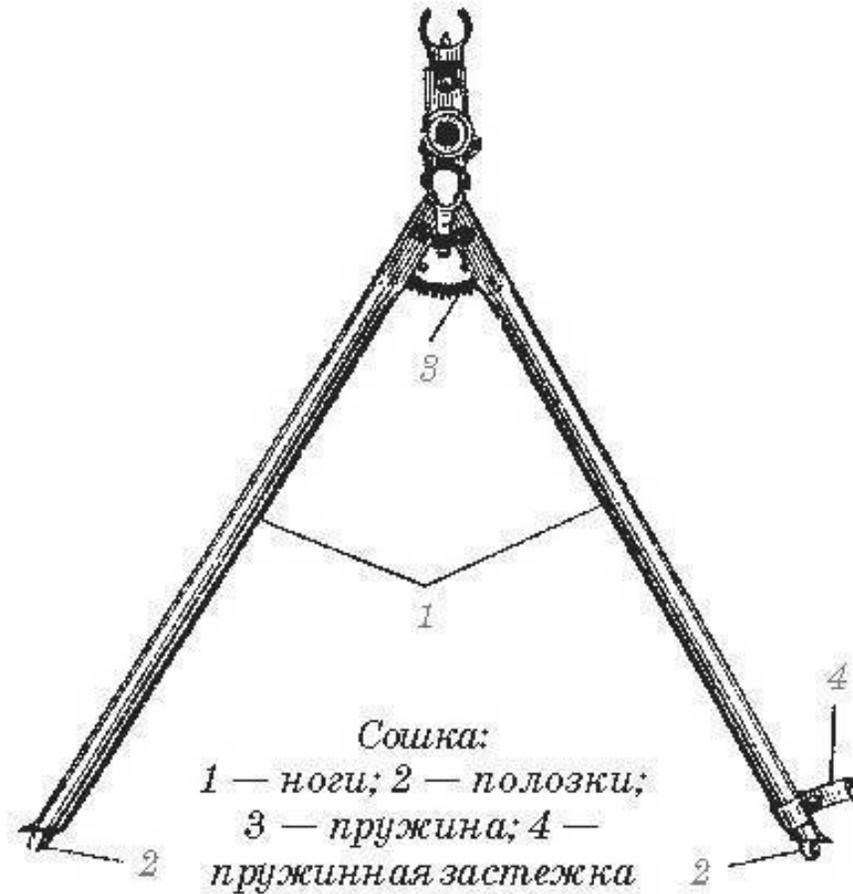
Fry

Fry consists of the following items:

- two legs with Polozkov to stop the soil;

- spring breeding feet;
- spring-loaded fasteners for fastening the legs bipod in the folded position.

Fry from the gun does not come off.

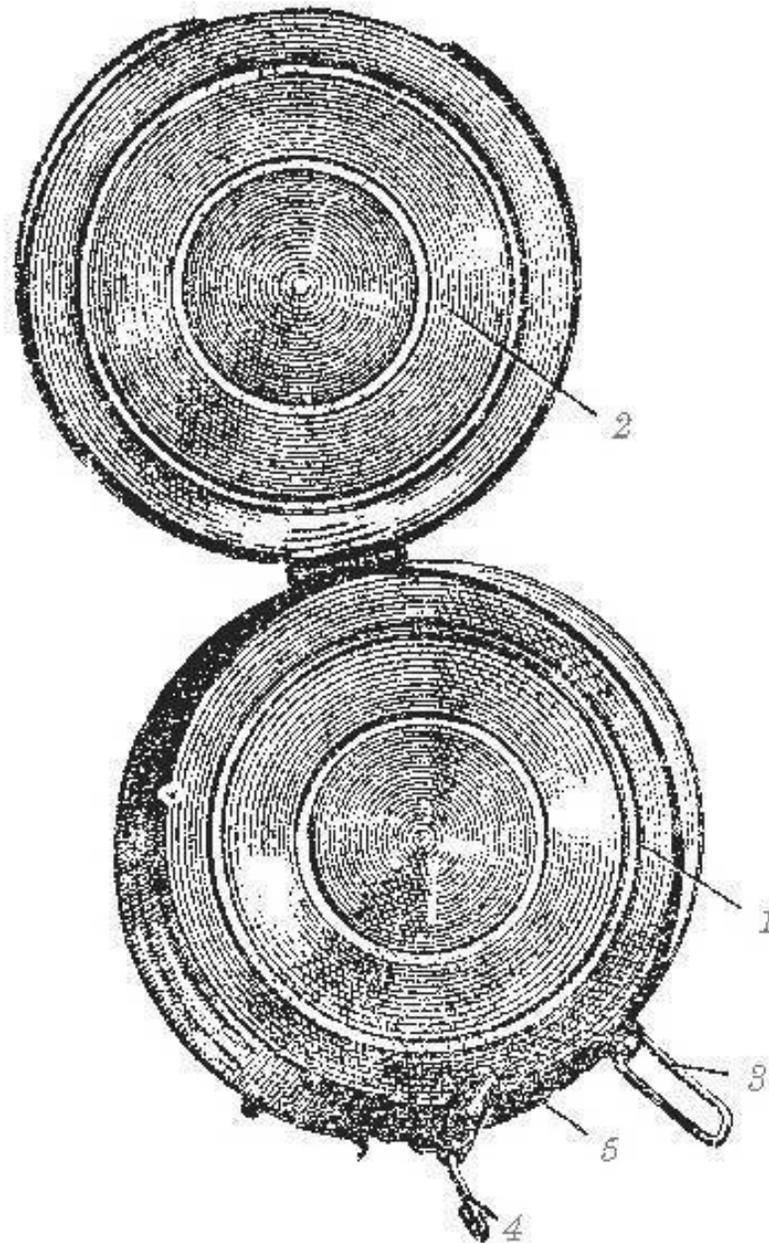


Fry: 1 - legs 2 - Polozkov 3 - spring, 4 - spring clasp

Box

Box serves to contain tapes of 100 rounds of ammunition. She has a round shape and is composed of body and lid.

Main box is: stick to move the box; lock for closing the cover, the hook for attaching the box to the machine gun, a window for passage of tape cartridges; lid for closing the window.



Коробка:

*1 — корпус; 2 — крышка; 3 — ручка;
4 — запор; 5 — крышка окна*

Box: 1 - case 2 - cap 3 - pen, 4 - constipation; 5 - Cover window

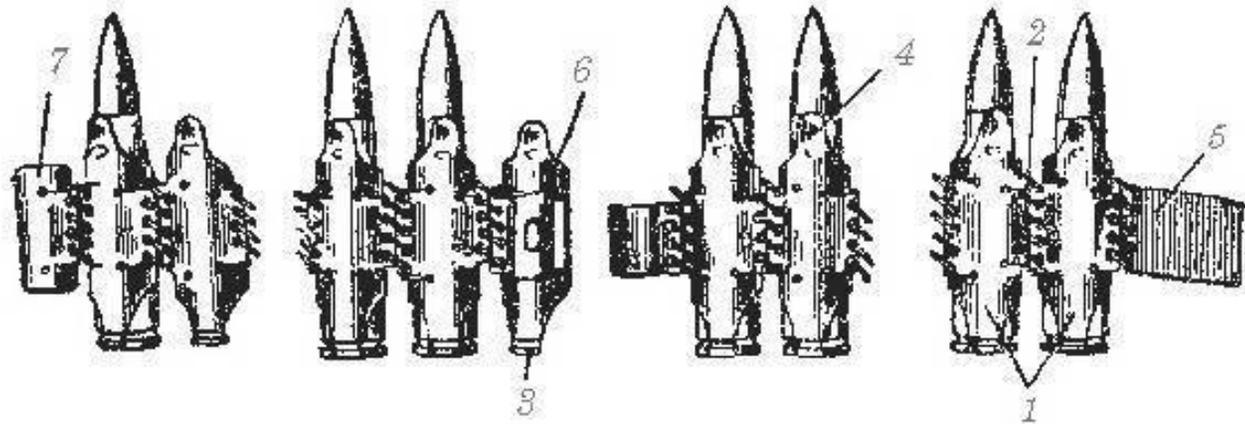
Tape

Tape consists of a separate metal spring nests interconnected twisted coil springs.

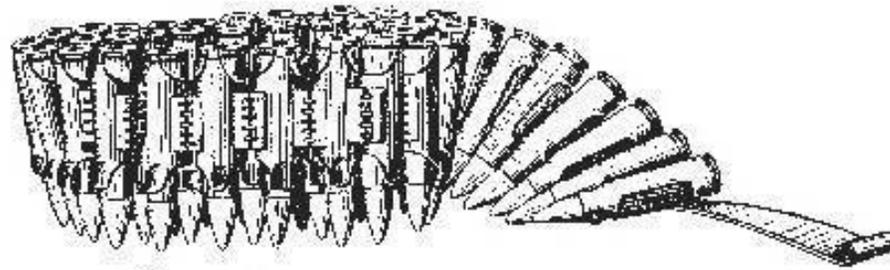
Metal nest together in units of 50 pieces. Tape for the machine gun is composed of two parts. One end of the tape has a tip for convenience in loading gun, and another - falshgneздо that supplies the last bullet in the chamber.

Лента:

1 — звенья; 2 — соединительная пружина; 3 — ограничительный выступ; 4 — направляющий выступ; 5 — наконечник; 6 — соединительное звено; 7 — фальшьзвено



Serves: 1 - links 2 - connecting spring, 3 - restrictive Guide 4 - Guide 5 - Tip 6 - connector, 7 - falshzveno



Свернутая лента с патронами

Rolled tape cartridges

Job details and mechanisms of the machine gun

Original position

In the beginning, we note the following. Slide frame with a piston valve with a drummer, lugs and drop are moving system.

In the initial position before loading the machine gun parts and gun mechanisms occupy the following positions.

The mobile system under the action of return mechanism is fully forward position.

Back-action spring has the lowest degree of compression.

Slide, taking the front position, the thickened part of the rack spreads lugs bolt, the front wall rack works on drums, and the roller stand is curved groove of a large lever feed.

The gas piston is located in the nozzle of the gas chambers.

Gate under the influence of bolt rim of the cup core shutter is pressed to the breech ring muzzle, closing the bore, and his dosylatel is a cutout in the back of the cut stem.

Drummer under the front wall of the rack bolt moves forward and out striker in the cup of the core bolt.

Reflector at the back of the groove ridge core speed.

Extractor under the influence of its spring hook is in the cup of the core bolt.

Ejector spring has the lowest compression ratio.

Lugs under the thickened part of the post bolt divorced in hand and are fighting ledges receiver, locking the gate, and their bottom tabs are in a straight section of figure workpits bolt.

Large lever filling its rear part has left.

Small lever feed the front part is shifted to the right.

Feeder is shifted to the right and his fingers and catch the action springs are compressed down.

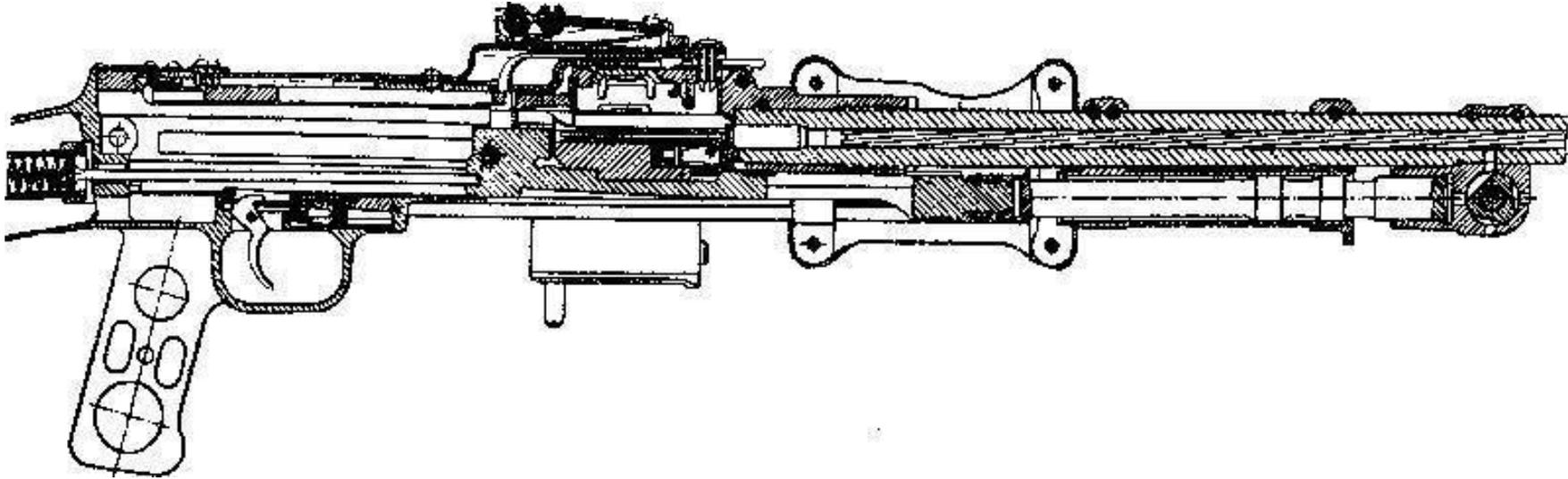
Finger base receiver under the action of spring rear end lift up.

Sear spring has the lowest degree of compression.

The trigger under the trigger lever on his hook deployed around its axis tail forward, and head back.

Fuse its flag to turn back, and his groove on the rod facing upward and allows the trigger lever to descend.

Cover the receiver is locked and retained catch.



Provision of parts and mechanisms to gun loader

Loading gun

To charge the gun and prepare it for firing, you must perform the following operations:

- take the handle reloading back up out and let it go;
- rotate the fuse box forward. This situation is a check box provides protection - the trigger lever is locked;
- attach the box with the loaded gun to tape, it pulled down over the tabs bracket trigger box and secure it;
- skip belt head through the window of the receiver and push right up to failure.

With the withdrawal arm reloading back under its influence the whole moving system moves back to the rearmost position, back-gripping mainspring. In this case, the following happens.

Slide frame under the handle reloading give it back and puts the connection with her gas piston and the thickened part of his stand on the ledges lugs bolt, releasing them and the front wall of their stand on the firing pin, and inclined planes of figure workpits affects the bottom tabs of combat stops the gate, and reduces them, decommissioning ledges receiver, and only then removes the bolt for his figurative ledge his figure workpits, back utaplivaet trigger lever, passes it and, leaning into the back of the trigger frame and stops.

Lugs under the influence of sloping walls of figure workpits bolt on the bottom tabs out of combat ledges receiver, are workpits core bolt and unlock the gate.

Gate under the action of the bolt carrier moves back with the lugs, a drummer and extractor.

Reflector slides along the slot and its spout into the cup of the core bolt.

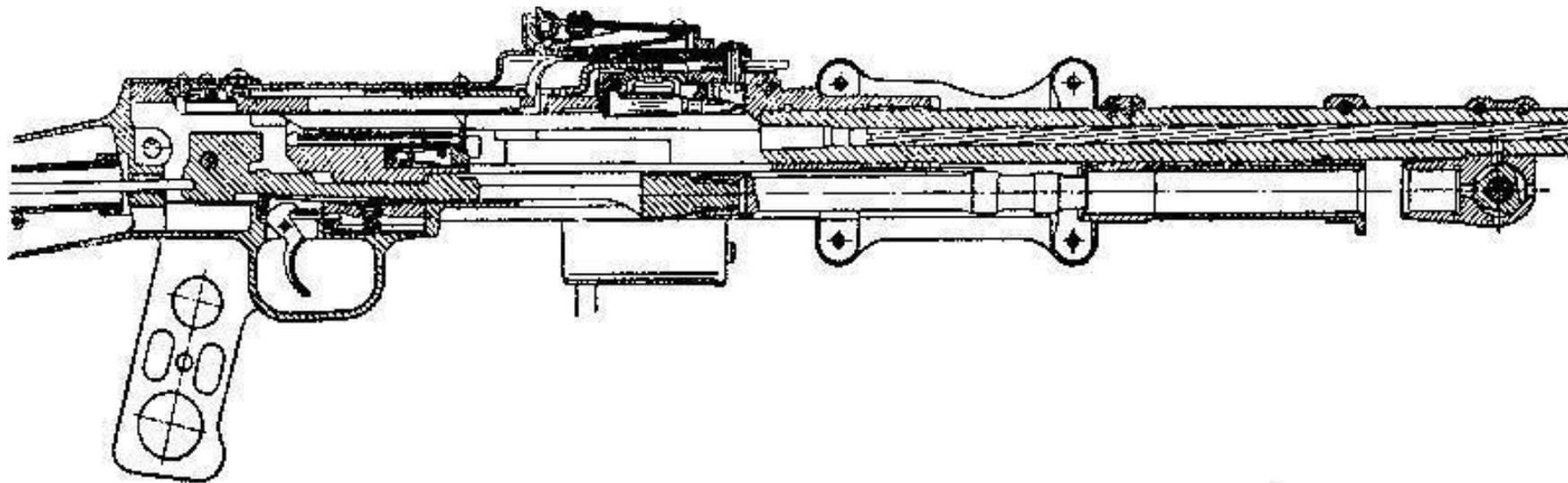
Sere under pressure from the rear of the bolt into the groove utaplivaetsya trigger frame and the compresses its spring, and when the slide frame reaches its rearmost position, under the action of its spring back up and sear their stands on the path of the bolt carrier forward.

Slide frame after the release lever under the action of reloading return mechanism starts to move forward, but, having met in its path sear sear, stops and gets cocked.

As a result, the entire mobile system remains in the rear position.

When turning the flag forward fuse fuse cutout turns down and does not allow the trigger lever to fall down, thereby blocking the trigger.

When you enter a tape into the window the receiver first cartridge is installed against the longitudinal base receiver box, and guide managers first cartridge is a cutter.



Provision of parts and mechanisms for charging the gun

Shot

In order to make a shot from a machine gun, you must perform the following operations:

- fuse box to turn back;
- clasp the hand of the pistol grip and hit the tail of the trigger.

Fuse when you turn the flag back to turn cut-up and release the trigger lever.

Trigger action push a finger pointer on his tail rotates on its axis and a hook head utaplivaet rear of the trigger lever.

Sere under the influence of a hook trigger falls back down, compresses its spring and sear her out from under a cocked bolt, releasing her.

Spring trigger lever receives the greatest degree of compression.

Slide frame under the influence of return mechanism is moving forward with its associated gas piston, the thickened part of his rack rests on the lugs lugs bolt moves with a bolt and a roller lever turns the big feed in the transverse direction.

Gate under the influence of the bolt carrier moves forward and pushes his dosylatelem cartridge from the tape unit, shall be sent to the chamber and stopped, resting his aureole of the cup core bolt to the rear section of the trunk, entering dosylatelem a notch on the barrel, and the lugs are located opposite the fighting ledges receiver.

Extractor hook jumps through the rim liner and includes a head cut in the back of the cut trunk and compresses its spring.

Spring ejector receives the greatest degree of compression.

Drummer striker rests on the cap and moves to the rearmost position.

Large lever under the influence of feed roller bolt is rotated in the transverse direction and turn the small lever feed.

Small lever filling under the influence of a large lever supply turns and moves to the left feeder on the value of the capture of another patron.

Feeder, moving under the influence of a small lever feed, feed drops into my fingers for the next link in tape cartridges.

Finger base receiver keeps the tape from falling out.

Slide frame after stopping the shutter continues to move forward, and the thickened part of the rack pushes the lugs on the gate and enters the gas piston in a tube of the gas chambers.

Lugs under the thickened part of the post bolt on their projections go for fighting ledges receiver, grapple with it and locked gate.

Slide, continuing to move forward, the front wall rack strikes the firing pin.

Drummer, got hit from the bar bolt is moving forward briskly and breaks the capsule holder. Occurs shot.

At a shot after a bullet passes the gas port in the wall of the barrel of powder gas rushes through the hole in the gas chamber, gives the recoil momentum of the piston, which casts a moving system in the rear position.

Slide frame under the action of the recoil momentum give it back removes the thickened part of the rack from the impactor affects inclined planes of figure workpits the bottom tabs lugs roller lever turns the big feed in the transverse direction.

Large lever feed, turning under the influence of roller bolt, is working on a small lever feed.

Small lever is rotated under the influence of feeding a large lever filing and moves to the right feeder.

Follower, turning a small lever under the influence of flow, your fingers filing establishes a regular patron against longitudinal box receiver.

Lugs under the influence of bevel figured recess bolt out of the battle ledges receiver, includes a hollow core bolt and release the shutter.

Stopper after the departure of the bolt carrier back stays in place prior to departure a bullet out of the barrel and locks the barrel and does not allow a breakthrough powder gases in the receiver, and only after the fighting stops come out fighting ledges receiver under the bolt on his figurative ledge , give it back.

Extractor retrieves his hook from the chamber cartridge cases and keeps it in the cup core gate to meet with a reflector.

Pocket, got a kick from the reflector, flies in gilzootvodnoe window.

Slide, reaching the rearmost position, stops, back-gripping mainspring.

Back-action spring receives the greatest degree of compression.

Slide frame after the stop under the breakout mechanism moves forward, but as the trigger is pressed and the trigger lever retracted, it moves freely and initiates the next shot.

Job details and mechanisms for follow-up shots is the same as the first shot.

Continuous fire will last as long as the trigger is pressed and the tape is a supply of cartridges.

After the release of the trigger slide frame gets cocked, and the gun is ready to open fire.

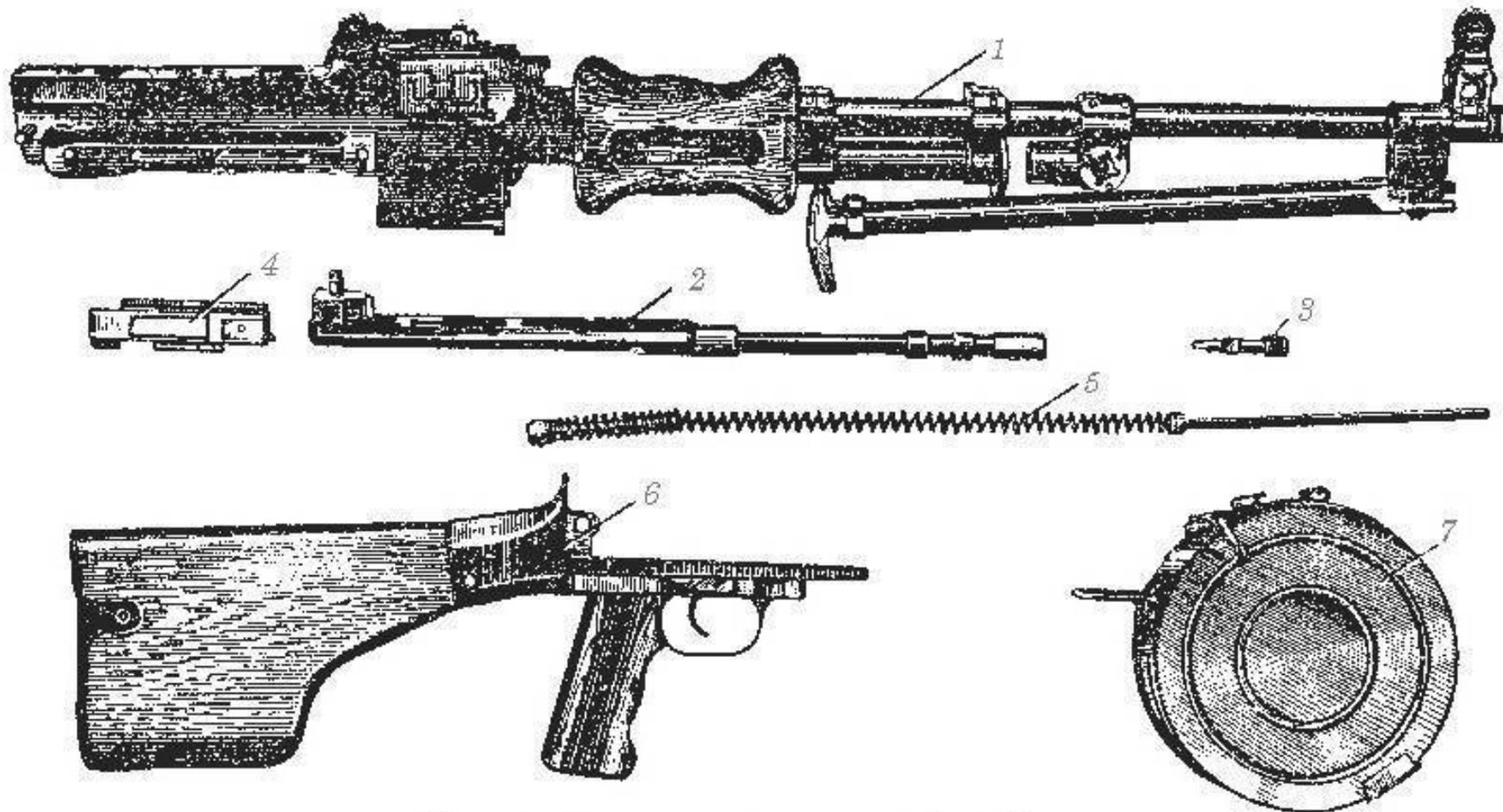
Assembly and disassembly of the machine gun

Disassembled

Disassembled machine gun in the following order:

1. Verified the lack of ammunition in the machine gun in a raised lid and laid back bolt carrier.
2. Retrieves the return mechanism.
3. Separates the trigger frame.
4. Separated handle reloading.
5. Separated slide frame.
6. Separated from the stopper bolt.

Assembling the gun is carried out in reverse order.



Части пулемета при неполной разборке:

- 1 — ствол со ствольной коробкой, прицельным приспособлением и сошкой;
2 — затворная рама с газовым поршнем; 3 — рукоятка перезаряжания; 4 — затвор;
5 — возвратный механизм; 6 — спусковая рама с прикладом и спусковым механизмом;
7 — коробка с лентой*

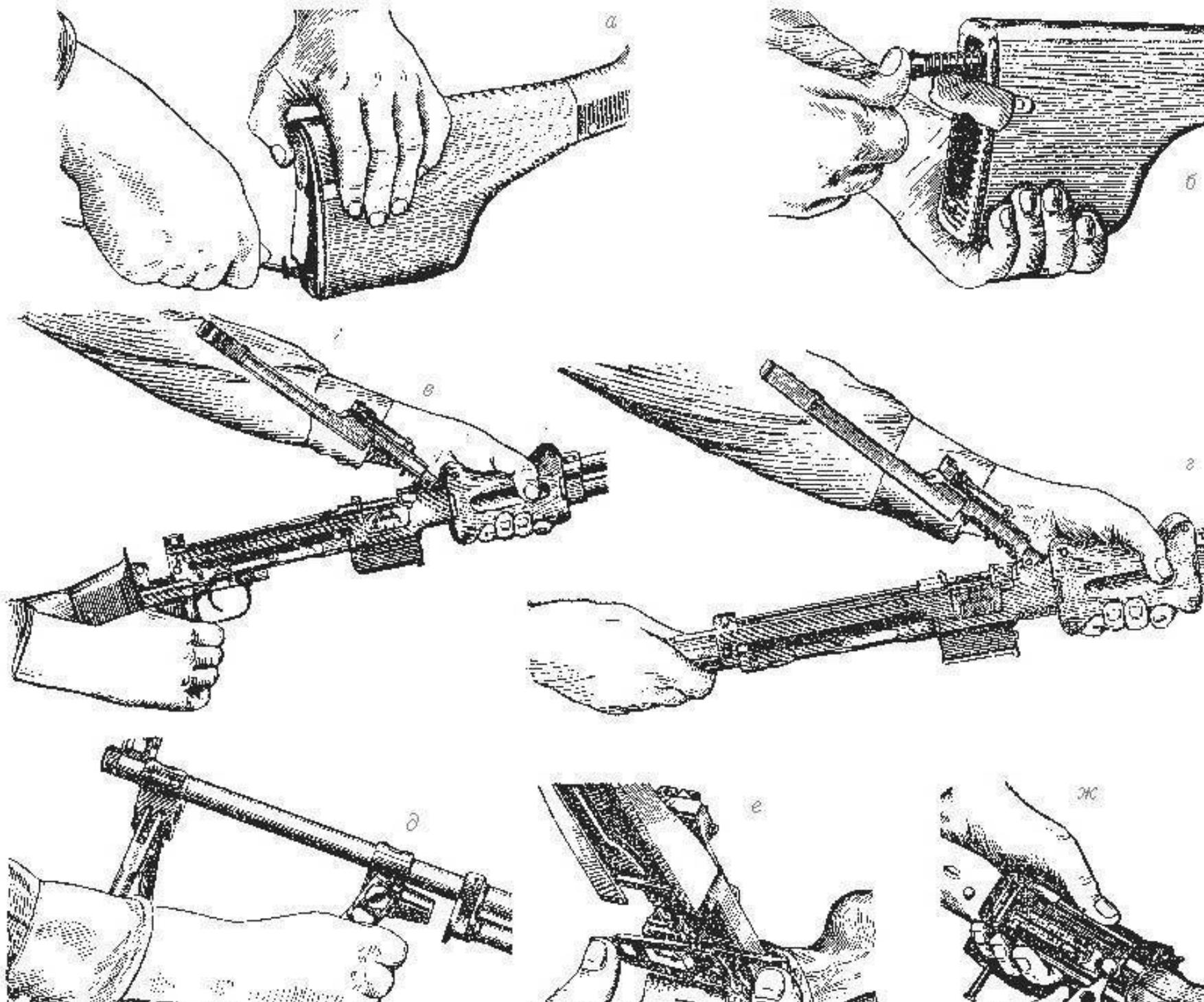
Part of the gun when disassembled: 1 - barrel from the receiver, sights and bipod, 2 - slide frame, gas piston, 3 - Handle reloading, 4 - valve, 5 - return mechanism, 6 - trigger frame with a rifle butt and trigger mechanism; 7 - Box with Ribbon

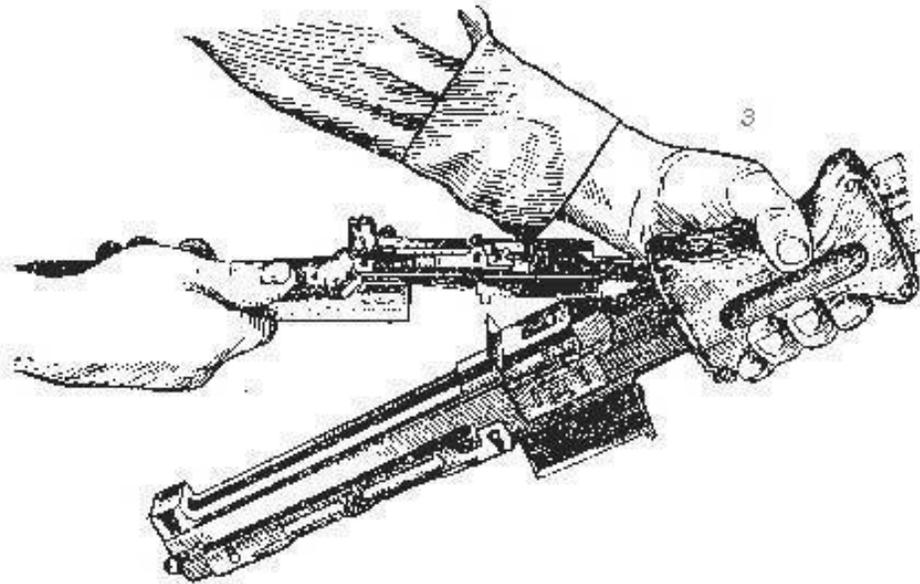
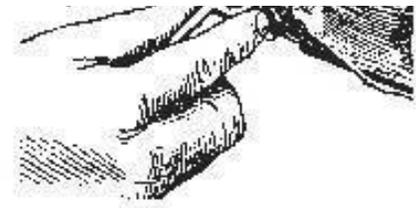
Full disassembly

Complete disassembly of the machine gun in the following order:

1. Produced disassembled machine guns.
2. Disassembled bolt.
3. Separated gas regulator.
4. Parsed feeder.

Assembling the gun in reverse order.





*Приемы разборки пулемета РПД:
а — открывание крышки затвельника;
б — извлечение возвратного механизма;
в — отделение спусковой рамы; г — от-
деление затворной рамы; д — вывинчи-
вание винта регулятора; е — сжатие
разрезной чеки; ж — извлечение разрез-
ной чеки; з — отделение крышки стволь-
ной коробки от колодки приемника*

Methods of dismantling gun raps: a - lid opening fore-end, b-extracting return mechanism; in - Department of trigger frame d - separation bolt, e - by unscrewing the screw knob, e - compression split checks; x - extracting split checks, and h - separation Cover the receiver from the receiver blocks

Links:

• [Part Five. Machine guns](#)

[7,62 mm light machine gun Degtyarev DP](#) [to index the dictionary](#)

[7,62-mm machine gun company commander arr. 1946 RP-46](#)