

72 Firearms, projectiles, entrenchment

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- 72a Small arms not covered 72b or 72h, accessories and general appurtenances for firearms**
- 72b Blowguns, popguns, air guns, spring guns, report producers, toy guns, arrows, bows, crossbows, throwing and slinging devices, squirt guns**
- 72c Guns and gun mounts**
- 72d Ammunition: cartridges, projectiles, cartridge cases; transportation and packing of ammunition; ammunition hoists, ammunition vehicles, cartridge pouches, etc.; cartridge loading and unloading machines**
- 72e Targets, firing ranges, range butts**
- 72f Aiming devices**
- 72g Independent protective equipment against projectiles, including independent air defence equipment, armoured clothing and helmets, protective shields, concealment, armour plates, armoured turrets, fortress structures and trench fortifications, armour for combat vehicles; flame throwers; means of attack and defence in general, e.g. for individual protection, smoke screens**
- 72h Automatic firearms**
- 72 i Projectile fuses**
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- 72a Small arms not covered 72b or 72h, accessories and general appurtenances for firearms**
- Rifles, also shotguns and carbines of various construction (72b-2)**
- 72a-1 Rifles with grip under the fore end of the stock
- 72a-2 Rifles with grip under the small of the stock
- 72a-3 Rifles with a trigger-guard cocking lever
- 72a-4 Rifles that can disassembled, rifle-spade combinations
- 72a-5 Adjustable rifles, folding rifles
- 72a-6 Cane guns and gallery rifles
- 72a-7 Electric rifles
- 72a-8 Butts, butt plates and stocks
- Pistols and revolvers (72a-8; 72b-5/01 – 71b-5/02; 72b-7)**
- 72a-9 Pistols (72a-10; 66a-2; 72b-5; 72b-7)
- 72a-10 Revolvers
- 72a-11 Revolvers with hinged barrels
- Breech mechanisms and accessories for small arms (72a-31)**
- 72a-12 Breech block actions
- 72a-13 Straight pull actions
- 72a-14/01 Bolt actions (72a-15)
- 72a-14/03 Devices to prevent double loading (72a-15)
- 72a-15 Unusual bolt actions (72a-14/01 – 72a-14/03)
- 72a-16/01 Actions for hinged barrel rifles, in general

- 72a-16/02 Self-cocking actions for hinged barrel rifles
72a-16/03 Actions for triple and multi-barrel rifles
- Cartridge extractors and ejectors**
- 72a-17/01 for hinged barrel rifles
72a-17/02 for breech block rifles
72a-17/03 for bolt action rifles
72a-17/04 Cartridge guides, cartridge extracting tools
- 72a-18 Modifications for hunting rifles, e.g. single trigger for multi-barrel arms
- 72a-19/01 Protective cover over trigger guard as safety
72a-19/02 Trigger safety with rotating catch mounted on the trigger guard
72a-19/03 Firing pin safeties
72a-19/04 Automatic safeties activated when aiming the rifle
72a-19/05 Safeties for hinged barrel rifles
72a-19/06 Safeties for breech block actions
72a-19/07 Safeties for bolt and straight pull actions
72a-19/10 Special safeties
- Cartridge magazines for small arms**
- 72a-20 Box magazines (72a-17)
72a-21/01 Special box magazines outside of the breech recess
72a-21/02 Cartridge catchers
72a-22 Butt magazines
72a-23 Drum magazines
72a-24 Tubular magazines
- Miscellaneous mechanisms on small arms apart from actions and magazines**
- Trigger mechanisms**
- 72a-25/01 Rifle breech mechanisms with hair triggers
72a-25/02 Push button and thumb triggers
72a-25/03 Air pressure trigger devices
72a-25/04 Firearms triggered at a specific elevation
72a-25/05 Safety devices against canting (72f-4)
72a-25/06 Single-motion cocking and firing devices
72a-25/10 Special trigger devices
72a-26 Devices for trigger control
- 72a-27/01 Rifle barrels in general (manufacture 49a-45/01, 49a-45/02)
72a-27/02 Barrels for multi-barrel rifles
72a-27/03 Barrel connections for multi-barrel rifles
72a-27/04 Sub-calibre tubes and telescoping barrels
72a-27/05 Cartridge chamber within the barrel
72a-27/06 Testing and aiming instruments for rifle barrels
72a-27/07 Muzzle covers
- 72a-28 Damping devices; silencers, recoil reducers and muzzle-flash hidere for fire arms of all kinds (14g-10; 30d-29; 46c6-1/01; 46c6-1/02; 46c6-1/10 – 46c6-1/12; 46c6-2; 46c6-3/01; 46c6-3/02; 47f-1/01)
- 72a-29/01 Shot counters for firearms
72a-29/02 Rifle firing devices for special projectiles, e.g. star shells, rifle grenades, etc.
72a-29/03 Dust guards for the breech and ejection openings (72a-20)
72a-29/04 Indicators showing if a weapon is loaded
72a-29/05 Devices for indicating the cartridges in the magazine

72a-29/06	Special devices
72a-30	Rifle supports, shooting rests, shooting stands, etc.
72a-31/01	Rifle cleaning devices (cartridges with lubricating wads 72d-1/04, 72d-20)
72a-31/02	Lubrication of breech mechanism parts, cartridges and projectiles
72a-32	Slashing and thrusting weapons in combination with firearms
72a-33/01	Carrying devices for firearms (33d-13/02, 33d-13/03)
72a-33/02	Detachable stocks, fastening on bags, canes, umbrellas (33d)
72a-33/03	Revolver holsters (33b-2/01)
72a-33/10	Special accessories
72b	Blowguns, popguns, air guns, spring guns, report producers, toy guns, arrows, bows, crossbows, throwing and slinging devices, squirt guns
72b-1	Blowguns and popguns
72b-2	Air rifles
72b-3	Bows and crossbows, arrows and bolts, finned aircraft projectiles
72b-4	Spring-operated firearms
72b-5/01	Report producers, also toy cap pistols
72b-5/02	Fear producing pistols
72b-6/01	Throwing and slinging devices to be used as weapons (devices for slinging playing balls 77a-26/11, 77a-65/12; throwing and slinging devices as toys 77f-24, 77a-33/18)
72b-6/02	Centrifugal catapults
72b-6/03	Throwing devices with throwing beam
72b-7	Squirt pistols, gas pistols
72c	Guns and gun mounts
72c-1	Rammers
72c-2	Adjustable embrasure mounts, mounts for casemate guns
72c-3	Mounts for turret or cupola guns
72c-4/01	Disappearing mounts
72c-4/02	Mounts for submarine guns (mounts for aircraft weapons 62b-22)
	Heavy gun mounts
72c-5/01	motor drawn, self-propelled
72c-5/02	Barrel transporters
72c-5/03	Carriages for railway guns
72c-5/04	Rotating mounts
72c-5/05	Spring relief devices
72c-6/01	Wheeled carriages in general
72c-6/02	with swivelling set of wheels
72c-6/03	Motorised wheeled carriages
72c-6/04	Trench gun mounts
72c-6/05	Wheel brakes
72c-6/06	Protective shields
72c-6/07	Trunnion bearings
72c-7	Spring trail-spade carriages
	Barrel recoil guns
72c-8/01	Hydraulic brakes
72c-8/02	Friction brakes
72c-8/03	Spring brakes
72c-8/04	Compressed-air and gas brakes (muzzle brakes 72a-28)
72c-8/05	Non-recoil guns

72c-8/08	Other brakes
72c-9/01	Barrel counter-recoil guns
72c-9/02	Brakes for counter-recoil guns
72c-10	Wedge-type breech blocks
72c-11	Breech screws
72c-12	Interrupted-screw breech blocks
72c-13	Firing lock mechanisms
	Firing mechanisms (in connections with aiming devices 72f-15/11)
72c-14/01	Mechanical
72c-14/02	Pneumatic
72c-14/03	Electrical
72c-15	Gun barrels (boring and rifling devices 49a-45/01, 49a-45/02)
	Special guns, mortars (mechanical throwing and projecting devices 72b-6/01 – 72b-6/03)
72c-16/01	Compressed-air guns
72c-16/02	Gas guns
72c-16/03	Electric guns
72c-16/04	Gunpowder charge projectors
72c-16/05	Firing mechanisms and devices for rockets (coastal life-saving service 65b-21)
72c-17	Shrapnel canister guns, mitrailleuse guns, revolving cannons without belt
72c-18	Miscellaneous devices
72d	Ammunition: cartridges, projectiles, cartridge cases; transportation and packing of ammunition; ammunition hoists, ammunition vehicles, cartridge pouches, etc.; cartridge loading and unloading machines (fuses 72i)
72d-1/01	Cartridges in general
72d-1/02	Projectiles with hollow chamber containing a part or the whole of the propelling charge, cartridges without cases, cartridges the cases of which are made of explosive material
72d-1/03	Spring cartridges
72d-1/04	Cartridges with devices for cleaning and lubrication of the barrel of the weapon (72d-20)
72d-2	Artillery cartridge cases, powder charge structure
72d-3/01	Cartridge cases in general (manufacture 7c-28)
72d-3/02	Cartridge cases with movable base, especially for machine guns
72d-4	Cartridge igniters, primers, percussion caps, etc. (chemical section 78e)
72d-5	Shot shells, plugs
72d-6	Blank cartridges, training cartridges and projectiles
72d-7	Small charge cartridges, sub-calibre types
72d-8	Packing of projectiles and cartridges, also in ammunition vehicles and boxes (packing of detonators 78e)
72d-9	Cartridge pouches and belts (weaving process for web cartridge belts 86c-1)
72d-10/01	Cartridge belts (belt feeding mechanisms 72h-11)
72d-10/02	Loading clips
72d-10/03	Cartridge filling machines for belts, clips and drum magazines
72d-11	Circular clips for revolvers
72d-12	Cartridge loading machines
72d-13	Cartridge handling apparatus, devices for extracting and inserting percussion caps, etc.
72d-14/01	Projectile jacketing machines, varnishing (conveying and orienting cartridges 49c-30)

- 72d-14/02 Devices for cleaning and lubricating projectiles
- 72d-15/01 Projectiles for small arms
- 72d-15/02 Projectiles with core
- 72d-15/03 Projectiles with central through passage
- 72d-15/04 Arrow-like projectiles
- 72d-15/05 Tungsten projectiles (18d; 40b; 40a-57/00)
- 72d-15/06 Bundled projectiles
- 72d-16/01 Ordnance projectiles in general
- 72d-16/02 Armour-piercing projectiles
- 72d-16/03 Sub-calibre projectiles
- 72d-17/01 Shells, shrapnel, solid shot (72d-18/01 – 72d-18/02) and case shot
- 72d-17/02 Hand grenades (fuses for hand grenades 72i-1/02, 72i-3/02)
- 72d-17/03 Rifle grenades (fuses for rifle grenades 72i-1/02, 72i-3/02)
- 72d-17/04 Projectiles fired from a firing rod
- 72d-17/05 Projectiles which remain connected with the firing point by means of a line (for sea rescue 65b)
- 72d-17/06 Projectiles with independent internal projectiles
- 72d-17/07 Shrapnel balls
- 72d-17/08 Land mines, mechanical section (chemical section 78a-5)
- 72d-18/01 High-explosive projectiles (72d-17), mortar shells (mortars 72b-6/01 – 72b-6/03; 72c-16/01 – 72c-16/05)
- 72d-18/02 Charging devices for explosives
- 72d-19/01 Rocket projectiles (structure of combustion chamber and accessories in general 46g, 74d-7; remote control 62c-29)
- 72d-19/02 Illuminating projectiles, also smoke, artificial fog and hovering projectiles
- 72d-19/03 Projectiles indicating their trajectory or point of impact
- 72d-19/04 Incendiary projectiles
- 72d-19/05 Projectiles with signal containers or sounding devices
- 72d-19/06 Gas projectiles, gas hand grenades, projectiles with narcotic filler substances, with oil, pepper, etc.
- 72d-19/07 Aerial bombs (62c-18; remote control 62c-29)
- 72d-19/08 Aerial torpedoes and mines (62c-18; remote control 62c-29)
- 72d-19/09 Land torpedoes
- 72d-19/10 Projectiles with guidance mechanisms or means to control the trajectory, assuming effective condition during flight
- 72d-19/11 Projectiles with extendable arms
- 72d-19/12 Chain and net barrage projectiles
- 72d-19/13 Projectiles which enter water or float thereon (72i)
- 72d-19/14 Ignition by water pressure for projectiles in the water
- 72d-20 Projectile seating and packing, lubricating wads and projectiles
- 72d-21/01 Ammunition supply in armour protected devices, ammunition hoists, etc. (ammunition supply, for warships 65a2; general 35a, 81e-42)
- 72d-21/02 Loading devices mounted on guns
- 72d-21/03 Ammunition carriers
- 72e Targets, firing ranges, range butts**
- 72e-1 Rifle ranges and target stands, range butts, shields
- 72e-2/01 Targets in general
- 72e-2/02 Self-indicating targets, mechanical
- 72e-2/03 Self-indicating targets, electrical
- 72e-2/04 Film targets (57a-51)
- 72e-3 Drop and hinged targets, disintegrating targets
- 72e-4 Moving targets, targets on carriages

- 72e-5 Clay pigeons
- 72f Aiming devices** (range finders, general 42c; radio transmitting and receiving devices 21a4-48/51 – 21a4-48/63)
- 72f-1 Rear and front sights for firearms in general
- 72f-2 Vertically and laterally adjustable sights: sliding leaf and bent adjustment surface sights
- 72f-3/01 Devices for mounting and adjustment of telescopic sights and their parts on firearms (optical structure 42h-10 – 42h-12)
- 72f-3/02 Dioptre sights
- 72f-4 Pendulum sights
- 72f-5 Change-over sights for multi-barrel rifles
- 72f-7/01 Devices for aiming drills
- 72f-7/02 Aiming drill devices with indicating needle, with photographic target registration, with point of impact marked by a dot of light
- 72f-7/03 Aim checking devices
- 72f-7/04 Adjusting and sighting in devices for rifles
- 72f-8 Clinometer level sighting devices
- 72f-9 Mirror sights in firearms and means of mounting and controlling same (optical structure 42h-10/05)
- 72f-10/01 Elevating and traversing gear for field guns
- 72f-10/02 Elevating and traversing devices with independent line of sight
- 72f-10/03 Elevating and traversing gear for machine guns
- 72f-10/04 Elevating and traversing devices for producing sweeping fire, especially for machine guns
- 72f-11 Elevating and traversing gear for fixed artillery
- 72f-12/01 Elevating and traversing gear for guns and sight mounts positively connected with range finders (42c-14 – 42c-23)
- 72f-12/02 Sight mounts with devices for compensating lateral drift or deflection due to rifling or wind
- 72f-12/03 Sight mounts with devices for eliminating the influence of trunnion canting
- 72f-12/04 Telescopic sights with devices for compensating for variations in muzzle velocity and powder temperature
- 72f-12/05 Aiming equipment for firearms installed in aircraft, etc.
- 72f-12/06 Bomb sights
- 72f-13 Rod sight mounts for guns
- 72f-14 Telescopic sight mounts for guns, telescope mounting, structure of individual parts
- Devices for determining and adjusting the lead factor when firing on moving targets
- 72f-15/01 for naval targets
- 72f-15/02 for air targets
- 72f-15/05 Anti-aircraft fire control equipment
- Remote control equipment (21c-46/01 – 21c-46/05; 21c-57; 21c-62; 65f2-18; 65f2-19; 74b; 74c)
- 72f-15/06 especially for naval guns
- 72f-15/07 especially for naval guns, with devices for calculating and compensating for the different locations of observation point; gun position and target
- 72f-15/08 with equipment for allowing for ship motion (42c-25)
- 72f-15/09 with devices for allowing for own and enemy movements, wind, variations of projectile velocity, etc., i.e. combinations of all circumstances
- 72f-15/11 Aiming and firing equipment with devices for allowing for changes of direction of the ship, pre-ignition mechanisms
- 72f-15/12 Devices for shooting at markers, cards or photographs mounted on the gun

- 72f-15/13 Sighting devices, aiming points for indirect firing, parallax elimination devices
72f-15/14 Adjusting devices for sights (42h-12/06)
72f-15/16 Artillery computers, mechanised firing tables
72f-15/20 Target-attached operational test equipment for firearms
72f-16 Protective covers for sighting mechanisms
72f-17 Observation towers (45k-11/01; 45k-31/02)

72g Independent protective equipment against projectiles, including independent air defence equipment (other air defence equipment in special classes), armoured clothing and helmets, protective shields, concealment, armour plates, armoured turrets, fortress structures and trench fortifications, armour for combat vehicles; flame throwers; means of attack and defence in general, e.g. for individual protection, smoke screens

- 72g-1/01 Armoured clothing (3b-7; 3b-13/00)
72g-1/02 Armoured helmets, steel helmets (41c-1; 41c-3/00)
72g-1/03 Protective shields, worn on the body
72g-2/01 Light protective coverings and armoured shields
72g-2/02 Protective shields for small arms
72g-2/03 Mobile armour shields
72g-2/04 Spades which may be used as protective shields
72g-2/05 Light concealment devices, camouflage without fog or gas
72g-3/01 Armour plates (18d-49)
72g-3/02 Armoured turrets and cupolas
72g-3/03 Fortress structures
72g-3/04 Bulletproof plate glass armour (shatter-proof or splinter-proof glass 39a-17; 39b-27; 39a3-9/02; 32a-27/00; 32b-27/12)
72g-3/10 Self-sealing protective layers against damage by weaponry fire (manufacture, in special classes, fuel containers with protective covers 62c-14/03; pneumatic tyres 63e-16)
72g-4 Armoured vehicles, etc. (ammunition vehicles 72d-8; gun shields 72c-6/05)
72g-5 Mechanical trench excavators
72g-6 Flame throwers
72g-7/01 Independent air raid shelters and defence installations, proof against penetration by projectiles, dugouts, etc., erected exclusively for purposes of defence, protection and attack
72g-7/02 Additional protective nets and arresting devices erected over buildings or structures to prevent projectile penetration and repel incendiary bombs, and to catch and divert bombs
72g-7/03 Shell impact protection shelters
72g-7/04 General equipment for producing or dispersing smoke, either for defence or attack (45f-10; 45f-15/00; 45k-4/50; 45k-13/00; 61b-1/03; 62c-20/02; 65a2-72; 65a2-73; 78d-1/02)
72g-8 Obstacles and man-traps (45k-9/01; 45k-23/00)
72g-9 Means of attack and defence in general, e.g. also for individual protection, rubber truncheons

72h Automatic firearms

- 72h-1/01 Automatic firearms in general
72h-1/02 Trigger mechanisms for firing single shots or for sustained fire
72h-1/03 Brakes and fire regulators
72h-1/04 Barrel fastening
72h-1/05 Firing pin design and arrangement

72h-1/10	Test equipment for the functioning of automatic firearms and for mounts
72h-2/01	Recoil-operated weapons with fixed barrel
72h-2/02	Toggle joint block for fixed barrel
72h-2/03	Inertial locks
72h-2/04	Recoil operated weapons with non-locking action
72h-3/01	Recoil-operated weapons with slide-back barrel
72h-3/02	Recoil-operated weapons with forward-slide barrel
72h-3/03	Barrel locks (recoil amplifiers, silencers, etc, 72a-28)
72h-4/01	Blowback-operated weapons
72h-4/02	Trigger systems, cartridge feeds, dust covers for blowback-operated weapons
72h-4/03	Blowback-operated weapons with gas trap cylinder
72h-5/01	Automatic pistols, "Browning" or "Luger" type, etc.
72h-5/02	Elements of automatic pistols
72h-6	Hand-operated machine guns and cannons: revolver cannons with belt feed
72h-7/01	Automatic machine guns and cannons
72h-7/02	Synchronising gear for firearms shooting through the propeller
72h-7/03	Motor-operated firearms
72h-7/04	Double and multi-barrel machine guns and cannons
72h-7/05	Cooling devices for machine guns
72h-8	Maxim guns
72h-9	Automatic guns of large calibre
72h-10	Mounts, bases, shoulder pieces for automatic firearms
72h-11	Intermittent feed systems for cartridge belts and drum magazines (clips 72d-10/02; cartridge belts 72d-10/01; cartridge magazines 72a-20 – 72a-22, 72a-24; drum magazines 72a-23)

72 i Projectile fuses

72i-1/01	Time and combination fuses
72i-1/02	Time fuses for hand and rifle grenades
72i-1/03	Hydraulic time fuses
72i-2/01	Manual fuse setters
72i-2/02	Fuse setting apparatus, occasionally in conjunction with the fire control gear
72i-3/01	Percussion fuses for shells
72i-3/02	Percussion fuses for hand and rifle grenades
72i-3/03	Percussion fuses for bombs
72i-3/04	Projectile fuses with extendable arms for use against aerial targets
72i-3/05	Percussion fuses with forward projecting push rod
72i-3/06	Percussion fuses with delay on target and adjustment according to choice: delayed or instant effect
72i-3/07	Percussion fuses with device detonating on any impact: double cone fuses
72i-3/08	Percussion fuses with striker safety removed within the barrel or immediately before the muzzle: inertia or centrifugal safeties
72i-3/09	Percussion fuses in which the striker safety is made inoperable upon impact
72i-3/10	Percussion fuses in which the primer, the detonator or the striker are pushed or shifted in the safe position
72i-3/11	Percussion fuses with closure of the flash hole between the primer and the detonator
72i-3/12	Fuses for water bombs, hydrostatic principle operation or the like
72i-4	Time, percussion and combination fuses operated by clockwork
72i-5/01	Protective caps for projectile fuses
72i-5/02	Manufacture and fastening of the individual fuse parts
72i-6	Electric fuses (78e-3)