



# SALW Guide Global distribution and visual identification

# Spain

# Country report

https://salw-guide.bicc.de

# Weapons Distribution

The following list shows the weapons which can be found in Spain and whether there is data on who holds these weapons:

| Browning M 2      | G | M1918 Browning          |    | G |
|-------------------|---|-------------------------|----|---|
| Colt M1911        | U | M1919 Browning          |    | G |
| FIM-92 Stinger    | U | M60                     |    | G |
| FN Herstal FN MAG | G | M79                     |    | G |
| FN MINIMI         | G | MAT 49                  |    | Ν |
| FN P90            | G | MBDA MILAN              |    | G |
| GDATP MK 19       | G | MG 3 / MG 42            | == | U |
| Glock 17          | G | Mauser K98              |    | U |
| HK G36            | G | Mosin-Nagant Rifle Mod. |    | U |
| НК МР5            | G | 1891                    |    |   |
| HK USP            | G | SIG SG540               |    | G |
| НК33              | G | SIG SG550               |    | G |
|                   |   | Sterling L2A3           |    | G |

### Explanation of symbols

| L  | Country of origin   |
|----|---|
| == | Licensed production   |
| ¥  | Production without a licence  |
| G  | Government: Sources indicate that this type of weapon is held by Governmental agencies.                     |
| Ν  | <i>Non-Government</i> : Sources indicate that this type of weapon is held by non-Governmental armed groups. |
| U  | Unspecified: Sources indicate that this type of weapon is found in the country, but do not specify          |

whether it is held by Governmental agencies or non-Governmental armed groups.

It is entirely possible to have a combination of tags beside each country. For example, if country X is tagged with a G and a U, it means that at least one source of data identifies Governmental agencies as holders of weapon type Y, and at least one other source confirms the presence of the weapon in country X without specifying who holds it.

**Note:** This application is a living, non-comprehensive database, relying to a great extent on active contributions (provision and/or validation of data and information) by either SALW experts from the military and international renowned think tanks or by national and regional focal points of small arms control entities.

# Browning M 2

The Browning .50 caliber machine gun has been used extensively as a vehicle weapon and for aircraft armament. The M2 fires from a closed bolt, operated on the short recoil principle. Nearly 5 million items were produced.



| Category         | Heavy Machine Guns  |
|------------------|---|
| Operating system | Fires from a short bolt, operated on the short recoil principle |
| Cartridge        | 12.7 x 99 mm NATO (.50BMG)                                      |
| Length           | 1650 mm   |
| Feeding          | Belt  |

The following ammunition can be used by the **Browning M 2**:

### 12.7 x 99 mm NATO (.50BMG)

| Bullet diameter | 13 mm  |
|-----------------|--------|
| Case length     | 99 mm  |
| Overall length  | 138 mm |

NO IMAGE

# Colt M1911

Technically, the M1911, also known as Colt Government, is a recoil operated, locked breech semi-auto pistol. It has single action trigger with frame mounted safety that locks the hammer and the slide. Hammer could be locked either in cocked or in lowered position, allowing the gun to be carried in "cocked and locked" state, with safety on, hammer cocked and round chambered. Additional automated safety incorporated



into rear of the grip and locks the action when gun not held in the hand properly. The M 1911 was manufactured by many companies in many countries, partly in the original form, partly modified, partly under license and partly without a license. It was exported to many countries after WW II, and it was in service with the US armed forces for more then 70 years.

| Category         | Self-Loading Pistols & Revolvers                                    |
|------------------|---|
| Operating system | Short recoil operated, closed breech, single action, semi-automatic |
| Cartridge        | .45 ACP   |
| Length           | 219 mm  |
| Feeding          | Box magazine  |

The following ammunition can be used by the **Colt M1911**:

### .45 ACP

| Bullet diameter | 11.5 mm |
|-----------------|---------|
| Case length     | 22.8 mm |
| Overall length  | 32 mm   |



# FIM-92 Stinger

Its combat debut occurred during the Falklands War. The Stinger was also used by the Afghan Mujahedeen, the Hamas and the UNITA. The Central Intelligence Agency supplied nearly 500 Stingers (some sources claim 1,500–2,000) to the Mujahedeen in Afghanistan. After the 1989 Soviet withdrawal from Afghanistan, the United States attempted to buy back the Stinger missiles, with a



55 million dollar program to buy back around 300 missiles. The U.S. government collected most of the Stingers it had delivered, but some of them found their way into Iran, Qatar and North Korea.

| Category         | Portable Launcher of Anti-aircraft Missile Systems |  |
|------------------|--|--|
| Operating system | MANPAD   |  |
| Cartridge        |  |  |

The following ammunition can be used by the **FIM-92 Stinger**:

# FN Herstal FN MAG

The Belgian FN MAG (Mitrailleuse d'Appui Général, meaning general-purpose machine gun) entered into production in 1958. It is one of the most widespread machine gun designs and is used in more than 90 countries around the globe. It is still manufactured in Belgium and produced under license in several countries including Argentina, Egypt, the US and the



UK. It can be carried by infantry and is usually fired while mounted on a tripod.

| Category         | Heavy Machine Guns             |
|------------------|--------------------------------|
| Operating system | gas, automatic                 |
| Cartridge        | 7.62 x 51mm / .308 Winchester  |
| Length           | 1260 mm                        |
| Feeding          | disintegrating metal link belt |

The following ammunition can be used by the **FN Herstal FN MAG**:

### 7.62 x 51mm / .308 Winchester

| Bullet diameter | 7.82 mm  |
|-----------------|----------|
| Case length     | 51.18 mm |
| Overall length  | 69.85 mm |



# **FN MINIMI**

The development of the Belgian FN Herstal MINIMI began in the early 1960s, but it did not enter into production until 1982. Since then, the MINIMI light machine gun has been in service in more than 35 countries including in the armies of the US and the UK. The gas-operated MINIMI is one of the most widely used guns in its class and caliber. It is usually belt fed and fired from a bipod, but it can also be fed by magazine and mounted on a tripod.



| Category         | Light Machine Guns  |
|------------------|---------------------|
| Operating system | gas, automatic only |

| Cartridge | 5.56 x 45mm / .223 Remington<br>7.62 x 51mm / .308 Winchester |
|-----------|---|
| Length    | 1040 mm   |
| Feeding   | disintegrating metal link belt or box magazine (M16 type)     |

The following ammunition can be used by the **FN MINIMI**:

### 5.56 x 45mm / .223 Remington

| Bullet diameter | 5.7 mm  |
|-----------------|---------|
| Case length     | 44.7 mm |
| Overall length  | 57.4 mm |



### 7.62 x 51mm / .308 Winchester

| Bullet diameter | 7.82 mm  |
|-----------------|----------|
| Case length     | 51.18 mm |
| Overall length  | 69.85 mm |



# FN P90

A personal defense weapon (often abbreviated PDW) is a compact semi-automatic or fully-automatic firearm similar in most respects to a submachine gun, but firing an (often proprietary) armor-piercing round, giving a PDW better range, accuracy and armor-penetrating capability than submachine guns, which fire pistol-caliber cartridges.The P90 was designed to have a length no greater than a man's



shoulder width, in order to be easily carried and maneuvered in tight spaces, such as the inside of an armored vehicle. To achieve this, the weapon's design utilizes the unconventional bullpup configuration, in which the action and magazine are located behind the trigger and alongside the shooter's face, so that there is no wasted space in the stock. The P90's dimensions are also minimized by its unique horizontally mounted feeding system, wherein the box magazine sits parallel to the barrel on top of the weapon's frame. Overall, the weapon has an extremely compact profile.

### Category

Submachine Guns

| Operating system | Straight blowback, closed bolt |  |
|------------------|--------------------------------|--|
| Cartridge        | FN 5.7 x 28mm                  |  |
| Length           | 500 mm                         |  |
| Feeding          | n/a                            |  |

The following ammunition can be used by the **FN P90**:

### FN 5.7 x 28mm

| Bullet diameter | 5.7 mm   | NO IMAGE |
|-----------------|----------|----------|
| Case length     | 28.83 mm | NO MAGE  |
| Overall length  | 40.5 mm  |          |

The FN 5.7×28mm is a small-caliber, high-velocity cartridge designed and manufactured by FN Herstal in Belgium. It is a bottlenecked centerfire cartridge that is somewhat similar to the .22 Hornet or .22 K-Hornet. The 5.7×28mm was developed in conjunction with the FN P90 personal defense weapon (PDW) and FN Five-seven pistol, in response to NATO requests for a replacement for the 9×19mm Parabellum cartridge. By 2006, FN's 5.7×28mm firearms—the P90 personal defense weapon and Five-seven pistol—were in service with military and police forces in over 40 nations throughout the world. In the United States, 5.7×28mm firearms are currently used by numerous law enforcement agencies, including the U.S. Secret Service.

# GDATP MK 19

The MK 19 or Mark 19 grenade machine gun was designed in the 1960s for the US Navy in the Vietnam War. In the following decades, the MK 19 was further improved, sold to and adopted by at least 28 other nations including Australia, Chile and South Korea. It was originally designed to be mounted on (naval) vehicles, but current systems can also be ground- or turretmounted. The MK 19 can be fired manually or even remotely. Original manufacturer General Dynamics Armament and Technical Pro-



Original manufacturer General Dynamics Armament and Technical Products (GDATP).

| Category         | Hand-held under-barrel and Mounted Grenade Launchers           |  |
|------------------|--|--|
| Operating system | blowback, open-bolt (advanced primer ignition in mods 1 and 2) |  |
| Cartridge        | 40x53 mm   |  |
| Length           | 1095 mm  |  |
| Feeding          | linked belt with 32 or 48 rds                                  |  |

The following ammunition can be used by the **GDATP MK 19**:

### 40x53 mm

| Bullet diameter | 40 mm |
|-----------------|-------|
| Case length     | 53 mm |
| Overall length  | -     |

NO IMAGE

# Glock 17

Several modified versions of the Glock 17 have also been introduced. The Glock 17C incorporated slots cut in the barrel and slide to compensate for muzzle rise and recoil. The Glock 17L incorporates a longer slide and extended barrel. Initially, the Glock 17L had three holes in the top of the barrel and a corresponding slot in the slide; however, later production pistols lack the holes in the barrel. The Glock 17MB is a version with



ambidextrous magazine catch. Glock pistols are designed with three independent safety mechanisms to prevent accidental discharge. The system, designated "Safe Action" by Glock, consists of an external integrated trigger safety and two automatic internal safeties: a firing pin safety and a drop safety. The external safety is a small inner lever contained in the trigger.

| Category         | Self-Loading Pistols & Revolvers     |
|------------------|--------------------------------------|
| Operating system | short recoil-operated, locked breech |
| Cartridge        | 9mm Parabellum (9 x 19mm)            |
| Length           | 186 mm                               |
| Feeding          | Box magazine                         |

The following ammunition can be used by the **Glock 17**:

### 9mm Parabellum (9 x 19mm)

| Bullet diameter | 9 mm     |
|-----------------|----------|
| Case length     | 19.15 mm |
| Overall length  | 29.69 mm |



# HK G36

The G36 was developed in the 1990s and adopted by several armed forces, e.g. the German Bundeswehr and the Spanish Armed Forces. It is gas-operated and employs a rotating bolt and multi-lug locking system, in contrast to traditional Heckler & Koch delayed roller-locked bolt systems. The butt-stock folds to the right. In 2012, reports about overheating G36 rifles in Afghanistan surfaced which affected the G36's accuracy. In April 2015, the German Ministry of Defence decided that the G36 would be phased out.



| Category         | Assault Rifles                   |
|------------------|----------------------------------|
| Operating system | gas, selective-fire              |
| Cartridge        | 5.56 x 45mm / .223 Remington     |
| Length           | 1002 mm                          |
| Feeding          | detachable, polymer box magazine |

The following ammunition can be used by the **HK G36**:

### 5.56 x 45mm / .223 Remington

| Bullet diameter | 5.7 mm  |                     |
|-----------------|---------|---------------------|
| Case length     | 44.7 mm |                     |
| Overall length  | 57.4 mm | N mm 1 cm 2 3 4 5 6 |

# HK MP5

Though the Heckler & Koch MP5 was designed in the 1960s, it is still one of the most widely deployed sub-machine guns and has been developed into a family with numerous variants. The gun features either a fixed or a sliding (telescoping) butt-stock. The original MP5 offers a choice of single shot or automatic fire,



whereas later models received a burst-fire device, allowing two or three-round-bursts each time the trigger is operated. Current models remain in (licensed) production in several countries, though The China North Industries Corporation, officially abbreviated as Norinco, manufactures an unlicensed copy, the NR08.

| Category         | Submachine Guns                  |
|------------------|----------------------------------|
| Operating system | delayed-blowback; selective-fire |
| Cartridge        | 9mm Parabellum (9 x 19mm)        |
| Length           | 680 mm                           |
| Feeding          | detachable box magazine          |

The following ammunition can be used by the **HK MP5**:

### 9mm Parabellum (9 x 19mm)

| Bullet diameter | 9 mm     |
|-----------------|----------|
| Case length     | 19.15 mm |
| Overall length  | 29.69 mm |



# HK USP

The Heckler & Koch Universal Self-loading Pistol (USP) entered into production in 1993. It had a high sales success rate which contributed to its ongoing production and the development of several variants. It is in service within several law enforcement agencies and armed forces, e.g. in Germany, Greece, Spain and the US.Variants of the HK USP 9 mm model: - the USP Compact which is shorter (173 mm length) - the HK USP Tactical variant which is longer (218 mm length) and uses .45 ACP.



| Category         | Self-Loading Pistols & Revolvers       |
|------------------|--|
| Operating system | short recoil, self-loading             |
| Cartridge        | .45 ACP<br>9mm Parabellum (9 x 19mm)   |
| Length           | 194 mm                                 |
| Feeding          | detachable, double-column box magazine |

The following ammunition can be used by the **HK USP**:

### .45 ACP

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| 9mm Parabellu   | ım (9 x 19mm) | )      |
|-----------------|---------------|--------|
| Bullet diameter | 9 mm          | (Anal) |
| Case length     | 19.15 mm      |        |

29.69 mm

| HK33 | ) |
|------|---|
|------|---|

Feeding

Overall length

The Heckler & Koch HK33 entered into production in 1963. The HK33 is produced in five variants: 1) with a fixed butt; 2) with a retractable butt; 3) fitted with a bipod; 4) as a sniper rifle with telescopic sight; and 5) as the HK22K carbine version. An "E" added to the weapon's name identifies models for export, while a "K" added to the end of the weapon's name refers to shortened models.

CategoryAssault RiflesOperating systemdelayed-blowback, selective-fireCartridge5.56 x 45mm / .223 RemingtonLength920 mm

detachable box magazine

The following ammunition can be used by the **HK33**:

### 5.56 x 45mm / .223 Remington

| Bullet diameter | 5.7 mm  |
|-----------------|---------|
| Case length     | 44.7 mm |
| Overall length  | 57.4 mm |





| Bullet diameter | 11.5 mm | 1 |
|-----------------|---------|---|
| Case length     | 22.8 mm | i |
| Overall length  | 32 mm   |   |



# M1918 Browning

The M1918 was produced between 1917 and 1945 originally in the US, but it is also produced in countries such as Belgium, Poland, Sweden and China. It remained in use



by the US military until the 1970s. The name affix of the M1918 "BAR" means "Browning Automatic Rifle" and refers to the original designer John M. Browning, not to the actual manufacturer.

| Category         | Light Machine Guns  |
|------------------|---|
| Operating system | gas operated, rising bolt lock  |
| Cartridge        | .30-06 M1<br>7.62 x 51mm / .308 Winchester<br>7.7 x 56mm R / .303 British<br>7.92x57 mm (8x57 IS) |
| Length           | 1200 mm   |
| Feeding          | 20-round detachable box magazine  |

The following ammunition can be used by the **M1918 Browning**:

### .30-06 M1

| Bullet diameter | 7.8 mm  | NO IMAGE |
|-----------------|---------|----------|
| Case length     | 63.3 mm | NO IMAGE |
| Overall length  | 85 mm   |          |

### 7.62 x 51mm / .308 Winchester

Bullet diameter 7.82 mm

| Case length    | 51.18 mm |
|----------------|----------|
| Overall length | 69.85 mm |



### 7.7 x 56mm R / .303 British

| Bullet diameter | 7.9 mm  |
|-----------------|---------|
| Case length     | 56.4 mm |
| Overall length  | 78.1 mm |



## 7.92x57 mm (8x57 IS)

| Bullet diameter | 8.08 mm |
|-----------------|---------|
| Case length     | 57 mm   |
| Overall length  | 82 mm   |



# M1919 Browning

The M1919 is still used by many countries as a vehicle gun, but it is no longer produced in the US. It was originally used as a fixed gun in tanks during the Second World War, but it was also mounted on a tripod and used by infantry. The name affix of the M1919 "BAR" means "Browning Automatic Rifle" and refers to the



original designer John M. Browning, not to the actual manufacturer. Variants of the M1919 are the A1; A2; A3; A4; A5; A6; M37 and AN/M2.

| Category         | Light Machine Guns               |
|------------------|----------------------------------|
| Operating system | short recoil, automatic          |
| Cartridge        | .30-06 M1<br>7.62 x 25mm Tokarev |
| Length           | 1044 mm                          |
| Feeding          | 250-round belt                   |

The following ammunition can be used by the **M1919 Browning**:

### .30-06 M1

| Bullet diameter | 7.8 mm  |
|-----------------|---------|
| Case length     | 63.3 mm |
| Overall length  | 85 mm   |

NO IMAGE

### 7.62 x 25mm Tokarev

| Bullet diameter | 7.8 mm |
|-----------------|--------|
| Case length     | 25 mm  |
| Overall length  | 34 mm  |



# M60

The M60 is a family of American general purpose machine guns firing 7.62x51mm NATO cartridges from a disintegrating belt of M13 links. There are several types of live ammunition approved for use in the M60, including ball, tracer, and armor-piercing rounds. The M60 was referred to as "The Pig" during the Vietnam War. The M60's gas operation is unique, and drew on technical advances of the



period, particularly the white "gas expansion and cutoff" principle also exploited by the M14 rifle. The M60's gas system was simpler than other gas systems and easier to clean.

| Category         | Light Machine Guns            |  |
|------------------|-------------------------------|--|
| Operating system | Gas operated, belt fed        |  |
| Cartridge        | 7.62 x 51mm / .308 Winchester |  |
| Length           | 1105 mm                       |  |
| Feeding          | Belt                          |  |

The following ammunition can be used by the **M60**:

### 7.62 x 51mm / .308 Winchester

| Bullet diameter | 7.82 mm  |
|-----------------|----------|
| Case length     | 51.18 mm |



# M79

Many different ammunition types were produced for the M79 (and subsequently for the M203), outside of the smoke and illumination rounds three main types emerged: Explosive, Close-range and Non Lethal Crowed Control.



| Category         | Hand-held under-barrel and Mounted Grenade Launchers |  |
|------------------|--|--|
| Operating system | Break-action   |  |
| Cartridge        | 40 x 46 mm grenade                                   |  |
| Length           | 731 mm   |  |
| Feeding          | breech-loaded  |  |

The following ammunition can be used by the **M79**:

### 40 x 46 mm grenade

| Bullet diameter | - | NO IMAGE |
|-----------------|---|----------|
| Case length     | - | NO IMAGE |
| Overall length  | - |          |

# MAT 49

For some 30 years, the MAT 49 was widely used by French military and police forces; it was used throughout the Indochinese and Algerian campaigns. The weapon can still be encountered in former French colonies in Africa and Indochina. It should be noted that North Vietnam once produced a local copy of the MAT 49, chambered for 7.62mm TT rounds. MAT 49s



manufactured for police forces, had two triggers, allowing use of full-auto fire or single shots, but most were manufactured as full-auto only.

| Category         | Submachine Guns                                  |  |
|------------------|--|--|
| Operating system | Blowback-operated, fired from open bolt          |  |
| Cartridge        | 7.62 x 25mm Tokarev<br>9mm Parabellum (9 x 19mm) |  |
| Length           | 404 mm   |  |
| Feeding          | Box magazine                                     |  |

The following ammunition can be used by the **MAT 49**:

### 7.62 x 25mm Tokarev

| Bullet diameter | 7.8 mm |
|-----------------|--------|
| Case length     | 25 mm  |
| Overall length  | 34 mm  |



### 9mm Parabellum (9 x 19mm)

| Bullet diameter | 9 mm     |
|-----------------|----------|
| Case length     | 19.15 mm |
| Overall length  | 29.69 mm |



# MBDA MILAN

The anti-tank weapons system MILAN (Missile d'infanterie léger antichar; English: Light anti-tank infantry missile) is a French / German missile that was designed in the 1960s and entered into production in 1972. The MILAN system, which is usually mounted on a tripod, consists of two units: the ammunition (missile) unit and a combined launching and guidance unit. At a range of 4,000 m, targets can be detected and hit at a range of 2,000 m. The production of MILAN 1 and



2 has ceased, and MILAN 3 is the current production model. The MILAN system remains in widespread service, with reported use in over 40 countries.

| Category                | Portable Launcher of Anti-tank Missile and Rocket Systems |  |
|-------------------------|---|--|
| <b>Operating system</b> | portable anti-tank weapon system                          |  |
| Cartridge               |   |  |

The following ammunition can be used by the **MBDA MILAN**:

# MG 3 / MG 42

The MG is a short-recoil operated, air cooled, belt fed weapon which fires from an open bolt. The barrel is quick-removable, and can be replaced in less than six seconds by a properly trained crew. The action of the weapon is



operated by the recoil of the locked barrel, assisted by a muzzle booster which uses pressure from the muzzle blast to increase the recoil impulse. This is a simple and solid system. Variants: MG 1: Rheinmetall variant of the MG 42, most notably rechambered to fire 7.62×51mm NATO. MG 1A1 (MG 42/58): As MG 1, but with sights properly calibrated for the new round. Sights refitted to existing MG 1s. MG 1A2 (MG 42/59): MG 1A1 variant; product improved with longer ejection port, heavy bolt and friction ring buffer. MG 1A3: MG 1A2 variant; product improvement of all major components. MG 1A4: MG 1 variant; for fixed mount armor use. MG 1A5: MG 1A3 variant; MG1A3s converted to MG1A4 standard. MG 2: Designation for all wartime MG 42s rechambered to 7.62×51mm NATO. MG 3: MG 1A3 variant; product improved with AA rear sight. MG 3E: MG 3 variant; reduced weight model (roughly 1.3 kg lighter), entered into late 1970s NATO small arms trials. MG 3A1: MG 3 variant; for fixed mount armor use.

| Category         | Light Machine Guns             |  |
|------------------|--------------------------------|--|
| Operating system | recoil-operated, roller locked |  |
| Cartridge        |                                |  |
| Feeding          | belt fed                       |  |

The following ammunition can be used by the MG 3 / MG 42:

# Mauser K98

There are many variants of this weapon, and it has been widely copied. K98k is a bolt-action rifle chambered for the 7.92×57mm Mauser cartridge. It remained the primary German service rifle until the end of the war in 1945. Millions were captured by the Soviets at the conclusion of World War II and were widely distributed as military aid. The Karabiner 98k therefore continues to appear in conflicts across the world as they are taken out of storage during



times of strife. A number of non-European nations used the Mauser Karabiner 98k rifle as well as a few guerrilla organizations to help establish new nation-states. One example was Israel who used the Mauser Karabiner 98k rifle from the late 1940s until the 1970s. During the 1990s, the Yugoslavian Karabiner 98k rifles and the Yugoslavian M48 and M48A rifles were used alongside modern automatic and semi-automatic rifles by all the warring factions of the Yugoslav wars.

| Category         | Rifles & Carbines                |  |
|------------------|----------------------------------|--|
| Operating system | Manually operated, rotating bolt |  |
| Cartridge        | 7.92x57 mm (8x57 IS)             |  |
| Length           | 1110 mm                          |  |
| Feeding          | Internal magazine                |  |

The following ammunition can be used by the **Mauser K98**:

### 7.92x57 mm (8x57 IS)

| Bullet diameter | 8.08 mm |
|-----------------|---------|
| Case length     | 57 mm   |
| Overall length  | 82 mm   |



# Mosin-Nagant Rifle Mod. 1891

This Russian "3-line" caliber (.30, 7,62mm) rifle existed in several variations and was several times adopted and modernized. Copies of this rifle were manufactured in different countries, like China, Hungary and Poland. Some of these were sporterized and converted to various calibers. Large numbers of these weapons were imported into both France and USA. The model 91/44 is shorter and has an



attached bayonet. It was in service with several armed forces, both regular and irregular, and it can be found in many countries in Asia and Africa.

| Category         | Rifles & Carbines                |  |
|------------------|----------------------------------|--|
| Operating system | Manually operated, rotating bolt |  |
| Cartridge        | 7.62 x 54mm R                    |  |
| Length           | 1306 mm                          |  |
| Feeding          | Internal magazine                |  |

The following ammunition can be used by the **Mosin-Nagant Rifle Mod. 1891**:

### 7.62 x 54mm R

| Bullet diameter | 7.92 mm  |  |
|-----------------|----------|--|
| Case length     | 53.72 mm |  |
| Overall length  | 77.16 mm |  |



# SIG SG540

The Swiss SIG SG540 was designed as a potential replacement for the SG510. It was produced between 1977 and 2002 in Switzerland and remains in production in Chile only. While the SG540 and the SG 543 models are chambered for the 6.56 x 45 mm caliber, the SG542 uses 7.62 x 51 mm NATO cartridges.



| Category         | Assault Rifles               |
|------------------|------------------------------|
| Operating system | gas, selective-fire          |
| Cartridge        | 5.56 x 45mm / .223 Remington |
| Length           | 950 mm                       |
| Feeding          | detachable box magazine      |

The following ammunition can be used by the **SIG SG540**:

### 5.56 x 45mm / .223 Remington

| Bullet diameter | 5.7 mm  |  |
|-----------------|---------|--|
| Case length     | 44.7 mm |  |
| Overall length  | 57.4 mm |  |



# SIG SG550

The Swiss SIG SG550 assault rifle is based on the SG540. It entered into production in 1981 and is also known as the Fass 90 (Fusil



d'assaut 90/Fucile d'assalto 90) in French/Italian or Stgw 90 in German (Sturmgewehr 90). As special attention was paid to making it lighter, the butt, handguard and magazine are largely made of plastic.

| Category         | Assault Rifles                   |
|------------------|----------------------------------|
| Operating system | gas, selective-fire              |
| Cartridge        | 5.56 x 45mm / .223 Remington     |
| Length           | 998 mm                           |
| Feeding          | detachable, polymer box magazine |

The following ammunition can be used by the **SIG SG550**:

### 5.56 x 45mm / .223 Remington

| Bullet diameter | 5.7 mm  |  |
|-----------------|---------|--|
| Case length     | 44.7 mm |  |
| Overall length  | 57.4 mm |  |



# Sterling L2A3

Sterling submachine guns , were purchased in more than 70 countries. However, it must be noted that these weapons were rather popular among British troops because of their relatively compact size, adequate firepower and accuracy and good reliability. Special "high power, submachine-gun only" ammunition was procured by British army for Sterling submachine guns. This ammunition was absolutely safe in



Sterling submachine guns, but can cause extensive wear to many 9mm pistols designed for commercial 9x19mm ammunition.

| Category                | Submachine Guns                                      |  |
|-------------------------|--|--|
| <b>Operating system</b> | Blowback-operated, select-fire, fires from open bolt |  |
| Cartridge               | 9mm Parabellum (9 x 19mm)                            |  |
| Length                  | 481 mm   |  |
| Feeding                 | Box magazine   |  |

The following ammunition can be used by the **Sterling L2A3**:

# 9mm Parabellum (9 x 19mm)

| Bullet diameter | 9 mm     |  |
|-----------------|----------|--|
| Case length     | 19.15 mm |  |
| Overall length  | 29.69 mm |  |



# SALW markings

The following is a non-comprehensive overview of national weapon markings.



# Ammunition head stamps

The following is a non-comprehensive overview of ammunitions head stamps used within this country for ammunition marking.



The National Factory, Valencia.



State arsenal, Toledo.

# Tagging of Sources

We believe that our Guide should be as transparent as possible without endangering the confidentiality of our sources. Rather than name the exact source for each unit of data, we have created tags so that users can at least know whether the data comes from a primary or secondary source, and by which medium it can or has been found. All incoming data is validated and then tagged by the project team at BICC before it enters our database.

Sources are tagged according to the following criteria:

### 1. Primary Sources:

These are presentations of facts. They are proof of an SALW event (e.g. a transfer, sighting, misuse, etc.) because the source was created at the time of the event itself. Primary sources as usually original documents such as transfer authorizations, firearms legislation, or academic journals presenting results of a study on SALW holdings in a particular country, for example. However, they can also be information offered by a person with direct knowledge of an SALW event or who has documented an SALW event at the time that it happened.

### 2. Secondary Sources:

These are interpretations or evaluation of facts. Secondary sources contain commentary and analysis of SALW events that are documented in primary sources.

Sources are also tagged according to the dominant medium of delivery:

- **A. Written** the source is based on written words.
- **B. Oral** the source is based on spoken words.
- **C. Visual** the source is based on seen events or optical images.

These criteria make our tags two-dimensional. While the process of classifying sources is a primarily subjective one, the project team at BICC has developed the following table to serve as an example of possible sources within each category.

### Table: Examples of sources on SALW distribution

|         | Primary  | Secondary   |
|---------|--|---|
| Written | <ul> <li>Fact books</li> <li>Weapons Transfer<br/>authorizations</li> <li>End-user certificates</li> <li>Transcripts of interviews, legal<br/>proceedings, speeches/<br/>presentations, meetings,<br/>conferences or symposia</li> <li>Newspaper articles</li> <li>Written correspondence (e.g.<br/>letters, emails, text messages,<br/>etc.)</li> <li>Blogs</li> <li>Peer-reviewed journal articles</li> <li>Treaties, constitution, laws</li> <li>Records of organizations (e.g.<br/>annual reports)</li> <li>Surveys, questionnaires</li> </ul> | <ul> <li>Wikipedia</li> <li>Literature reviews</li> <li>Training or safety manuals<br/>on gun control, ammunition,<br/>physical stockpile security<br/>management)</li> <li>Minutes of meetings,<br/>conferences, symposia</li> <li>Indexes (e.g. Global<br/>Militarization Index)</li> <li>Newspaper articles</li> <li>Etc.</li> </ul> |

| Oral   | <ul> <li>Interviews with experts,<br/>including radio or telephone</li> <li>Legal proceedings</li> <li>Speeches or interventions by<br/>experts or national<br/>representatives in government<br/>or international meetings</li> </ul>   | <ul> <li>Speeches, panel<br/>presentations, etc. on data<br/>provided by experts</li> <li>Etc</li> </ul> |
|--------|--|--|
| Visual | <ul> <li>Artifacts (e.g. the weapons themselves, ammunition)</li> <li>Photographs of weapons, ammunition, etc.</li> <li>Videos (e.g. YouTube, those recorded by mobile phone)</li> <li>Television documentaries, news reports</li> </ul> | <ul> <li>PowerPoint presentations on results found by experts</li> <li>Etc</li> </ul>                    |

### Table: Example tags

| Source (sample)   | Type of<br>source | Medium of<br>delivery |
|---|-------------------|-----------------------|
| IHS Jane's Weapons Infantry (2015-2016)                   | primary           | written               |
| Panel discussion of weapons use of non-state armed groups | secondary         | oral                  |
| Documentary on paramilitaries in Colombia                 | primary           | visual                |

# About the Guide

The Interactive Guide on **Small Arms and Light Weapons** is an open access tool, designed to build knowledge on how to identify different types, makes and models of commonly used SALW in organized violence; to collect data on the global and country-specific spread of these SALW; and to describe some of their visual and technical specifications.

The guide is not an exhaustive list of all SALW that are used around the world.

Global SALW control relies on, among other things, data and knowledge of the weapons themselves. Our aim is that the Guide will be used to support national reporting duties on SALW holdings; facilitate and ameliorate the collection of data on SALW; and increase general knowledge of global distribution of SALW.

The interactive Guide was developed by **BICC** in close cooperation with the **Bundeswehr Verification Center** (BwVC), and with the generous support of the *Federal Foreign Office*, *Germany*.

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