

## **MUNICION.ORG CARTRIDGE SEARCH GUIDE**

Cartridge Caliber organization in our web is based on E.C.D.V. (European Caliber Data Viewer) and E.C.R.A.'s (European Cartridge Research Association) Cartridge Data Base, both in the terminology used to name calibers and it's synonyms and in the Codification System used.

This represents a radical change in the design and the organization of the page Municion.org comparing to the old site, providing the Cartridge Collectors a more powerful cartridge searching capacity needed to deal with thousands of different cartridge calibers and its variations contained in the Data Base.

The new site has much more information, updated information and new pictures, but can be apparently more complex to use than the old one, so we would like to provide to the Cartridge Collectors this guide with the searching logic of the page in order to help them.

We would like also remark that the free access site Municion.org is build and maintained by the members of the Asociación Española de Coleccionistas de Cartuchos (Spanish Cartridge Collectors Association) a non-profit organization, supported only by its members economical contribution and work, and by some contributions of members of our international community.

Finally, just mention that the original language of the page and the data base is Spanish, and we provide the Google translating facility as a tool to help non-Spanish speaking users, so the result of the translation is as mature as the Google tool, not always satisfactory, but improving as it evolves. (You will find Seeker instead of Finder, or Ring fire instead of Rim fire...)

**CALIBER FINDER: USE OF FILTERS**



STARTFORUMOLD.MUNICION.ORGDATABASES MUNICION.ORGPARTNER AREANEWSCONTACT AECCENGLISH

Seeker

CLASSIFICATION

Caliber Finder

XCR Code Finder

Generic search engine

CALIBER	SYNONYMS	CLASSIFICATION	XCR CODE
.10 Eichelberger Long rifle (1)		RING FIRE / RF	03-015-BBR-25W
.10 US XPL cylindric brass case (1)	2.6 x 21	CENTRAL FIRE / CF	03-021-CLC-010
.11 Whatzit (1)	3 x 9 R	CENTRAL FIRE / CF	03-009-BBC-50W
.12 Eichelberger Winchester Magnum RF (1)	.12 Eichelberger WRM, .12 Fagot (in Spain), .12 Sissy (in Great Britain)	RING FIRE / RF	03-028-BBR-30W

In the Finder (“Seeker”) there are four searching filters:

- CLASSIFICATION
- CALIBRE FINDER
- XCR CODE FINDER
- GENERIC SEARCH ENGINE

CARTRIDGE CALIBERS are shown listed by caliber name. Number of pages of the results of the search is also shown.

.18 Homologous (2)	.18 NATO, .18 Simplex Cartridge, 4.5 x 52	CENTRAL FIRE / CF	05-052-BGC-010
.19 Badger (1)		CENTRAL FIRE / CF	05-033-BGC-30W
.19 Calhoon Hornet (1)		CENTRAL FIRE / CF	05-035-BBC-010
.19 FBI (1)		CENTRAL FIRE / CF	05-035-BGC-30W
.19 / .223 Calhoon (1)		CENTRAL FIRE / CF	05-045-BGC-060
.20 Eichelberger Dart (1)		CENTRAL FIRE / CF	05-016-BDC-010
.20 Eichelberger Magnum (1)	.22 Eichelberger Dart, .20 Eichelberger Dart, .20 Eichelberger Magnum, .12 Eichelberger, .10 Eichelberger.	RING FIRE / RF	05-027-BBR-10W
.20 PDK (1)	.20 Predator Dog Killer	CENTRAL FIRE / CF	05-043-BGC-010

1

2

...

48

The filter that should be apply first is **CLASSIFICATION**. The Cartridges are classified based on the priming systems (central, rim, pinfire...) and the case shape and or made.



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Seeker

CLASSIFICATION ▾Caliber FinderXCR Code FinderGeneric search engine

☐ PAPER CARTRIDGES

☐ SHOTGUN - SHOTSHELL / CENTRAL FIRE - CF

☐ RING FIRE / RF

☐ CENTRAL FIRE / CF

☐ LEFAUCHEUX / PINFIRE

☐ LIPFIRE

☐ OTHER SYSTEMS

☐ WITHOUT SHEATH AND ROCKETS / CASELESS & ROCKET

SYNONYMS	CLASSIFICATION	XCR CODE
	RING FIRE / RF	03-015-BBR-25W
2.6 x 21	CENTRAL FIRE / CF	03-021-CLC-010
3 x 9 R	CENTRAL FIRE / CF	03-009-BBC-50W
.12 Eichelberger WRM, .12 Fagot (in Spain), .12 Sissy (in Great Britain)	RING FIRE / RF	03-028-BBR-30W
.14 Alton Jones Rimfire (1), .14 Alton Jones Express RF, .14 Jones	RING FIRE / RF	04-016-BBR-50W

By using this finder, we will include in the search only the type of cartridges we are looking for (Central Fire, Rim Fire, Case-less...). Once filtered by CLASSIFICATION (Cartridge type) we can use additional filters in the search, such as CALIBER NAME.

## CALIBRE FINDER

This filter looks for only in the CALIBER NAME field of the Data Base.

It is not needed to indicate the complete CALIBER NAME or CARTRIDGE NAME, the simpler words used as key words in the search, the better results the web will provide and less errors will occur.

Seeker

CLASSIFICATION ▾

×

7,62 x 51

Q

XCR Code Finder

Q

?

Generic search engine

Q

CALIBER	SYNONYMS	CLASSIFICATION	XCR CODE
7,62 x 51 CETME XPL Long bullet (5)	7,62 x 51 CETME, 7,62 x 51 CETME NATO XPL, 7,62 x 51 Spanish NATO	CENTRAL FIRE / CF	08-051-BGC-020
7,62 x 51 NATO / .308 Winchester (727)	.30 NATO, 7,62 x 51 NATO, 7,62mm Model 54, 7,62mm NATO, 7,62mm US FA-T1E3, 7,62 x 51	CENTRAL FIRE / CF	08-051-BGC-062
7,62 x 51 NATO Electric Primer XPL (2)		OTHER SYSTEMS	08-051-BGE-010
7,62 x 51 Rebated Rim Short Range (2)		CENTRAL FIRE / CF	08-051-BRC-010
7,62 x 51 Spanish XPL Calzada Bayo (1)	7,62 x 51 Spanish XPL Narrow groove for CB-54 AR	CENTRAL FIRE / CF	08-051-BGC-025
7,62 x 51 Switching cartridge (1)	7,62 x 51 schakelpatroon, 7,62 x 58 Tool cartridge	CENTRAL FIRE / CF	09-058-CLC-010

It is very important to take into consideration the following rules:

- For metric calibers, the **Comma ( , )** is used to express decimals, not the DOT, and also it is key to insert **ALWAYS** an space between the bullet diameter, the times ( x ) sign and the case length, as shown in the example below:

7,62 x 51 CETME

- It is very useful also to **ENRICH** the search with words you know are part of the denomination of the cartridge you are looking for:

Seeker

CLASSIFICATION ▾

X CETME

Q

XCR Code Finder

Q

?

Generic search engine

Q

CALIBER	SYNONYMS	CLASSIFICATION	XCR CODE
4 x 27 CETME XPL (8)	-   4.1 x 27	CENTRAL FIRE / CF	04-027-BGC-010
4,6 x 36 CETME (9)	4,56 x 36, 4,6 mm CETME, 4,6 mm CTP-613, 4,6 mm HK, 4,6 x 36 CETME / H & K, 4,6 x 36 German, 4,6 x 36 Heckler & Koch, 4,6 x 36 Spootip	CENTRAL FIRE / CF	05-036-BGC-010-
6,35 x 21 SR Spanish XPL CETME Van Hee design (1)	6,35 mm SR Spanish XPL FNP VASP, 6,35 x 21 CETME-COPPER, 6,35 x 21 VSAP.	CENTRAL FIRE / CF	06-021-CDC-020
7,62 x 51 CETME XPL Long bullet (5)	7,62 x 51 CETME, 7,62 x 51 CETME NATO XPL, 7,62 x 51 Spanish NATO	CENTRAL FIRE / CF	08-051-BGC-020
7,92 x 40 CETME XPL (31)	7,92mm CETME, 7,92mm Mod. 53, 7,92 x 40,3 EXP Palencia, 7,92 x 41 Forerunner	CENTRAL FIRE / CF	08-040-BGC-028

## XCR CODE FINDER

Seeker



The XCR code is composed by 11 characters separated in four groups by a dash (-):

00-000-BBB-000

- The first group of two (00) expresses the bullet diameter in mm and rounded. So, 08 will cover any bullet diameter between 7.50 and 8.49 mm.
- The second group of three (000) expresses the case length in mm also rounded. 025 will cover any case length between 24.50 and 25.49 mm
- The third group of three letters defines respectively, the case shape, extracting modes and priming type, according to the tables shown below.

CASE SHAPE	
X	(Unknown)
D	Self propelled or Rocket
K	Caseless, cylindric shape
Q	Caseless non cylindric shape
B	Bottlenecked case
C	Straight case
W	Bulge around case body
P	Paper or biomaterial case
S	Special or other shape case
M	Multiple bottlenecked case
U	Folded case
R	Rectangular case
G	Triangular case
T	Tapered case

<b>EXTRACTING MODES</b>	
<b>X</b>	(Unknown)
<b>R</b>	Rebated rim
<b>F</b>	Belted
<b>H</b>	Belted and rebated rim
<b>S</b>	Special/other
<b>I</b>	Extraction groove inside case
<b>B</b>	Rimmed
<b>G</b>	Rimless (grooved)
<b>D</b>	Semi-rimmed
<b>N</b>	No extraction: caseless, rocket
<b>L</b>	Rimless and grooveless

<b>PRIMING TYPES</b>	
<b>X</b>	Unknown
<b>A</b>	Compressed air
<b>U</b>	Cupfire
<b>G</b>	Electric pin horizontal
<b>H</b>	Horizontal pinfire
<b>P</b>	Radial pin priming
<b>D</b>	Side electric
<b>L</b>	Lipfire
<b>S</b>	Spetial patents / Others
<b>R</b>	Rimfire
<b>C</b>	Centerfire
<b>F</b>	Side percussion
<b>E</b>	Electric
<b>N</b>	No primer
<b>T</b>	Teatfire

Knowing how to build the XCR Code may help the search of a cartridge on a simpler way, introducing just the key dimensions: bullet diameter and case length (the rest of the code is case type, extracting method and priming type, and can also be introduced if you feel confident enough)



In the example shown, we have measured the bullet diameter (7.80 mm) and the case length (25.16 mm), then we have to round both values to the mm and add a 0 in order to build the XCR code, separating both groups by a dash (-): 08-025

Seeker

<div> <div>CLASSIFICATION ▾</div> <div>Caliber Finder <input type="text" value="Q"/></div> <div><input type="text" value="X 08-025"/> <input type="text" value="Q"/> (?)</div> <div>Generic search engine <input type="text" value="Q"/></div> </div>			
CALIBER	SYNONYMS	CLASSIFICATION	XCR CODE
.300 Jaws Micro Mag (2)		CENTRAL FIRE / CF	08-025-BGC-070
.32-44 Smith & Wesson Gallery (2)	.32-44 S&W Target, .32-44 Smith & Wesson Target	CENTRAL FIRE / CF	08-025-CBC-020
.360 / .300 Fraser .95 " case (1)	.300 Fraser, .360 / .300 Rook Rifle	CENTRAL FIRE / CF	08-025-BBC-050
7.62mm Russian Tokarev M.1930 (95)	7.62mm M.30, 7.62mm Pistole Patrone 2601 (r), 7.62mm Tokarev, 7.62mm Type 51, 7.62mm Vz 48, 7.62x25 Tokarev	CENTRAL FIRE / CF	08-025-BGC-010
7.62 x 24 Subcaliber for Cannon reducer (9)	7.62 mm M.1973, 7.62 mm Regaña Portugais, 7.62 x 24 Portuguese Subcaliber, 7.62 x 24.5 Portuguese Subcaliber, 7.62 x 25 Regana	CENTRAL FIRE / CF	08-025-BGC-015
7.62 x 24.5 Russian Canopy Ejection (3)	7.62mm Canopy Ejection PV-1M, 7.62mm Impulse Canopy PV-1	CENTRAL FIRE / CF	08-025-BGC-090
7.62 x 25 Chinese Silenced SMG M-64 (1)	7.62mm Chinese Silenced	CENTRAL FIRE / CF	08-025-BGC-011
7.63mm Mannlicher M.1901 (3)	7.63mm Mannlicher M.1903, 7.65mm Mannlicher Karabiner-Pistole m / 1901, 7.65mm Mannlicher M.1903, 7.65mm Mannlicher Mod. 1896, 7.65mm Mannlicher Pistolen-Karabiner M.1896, 7.65mm Mannlicher Selbs	CENTRAL FIRE / CF	08-025-BGC-020
7.63mm Mauser M.1896 (117)		CENTRAL FIRE / CF	08-025-BGC-030
7.63mm Mini-Whisper (JD Jones) (1)	.30 Mini Whisper, 7.63mm Mini-Whisper JDJ	CENTRAL FIRE / CF	08-025-BGC-50W

As shown, introducing these two simple dimensions, let us narrow down the results to a manageable group of calibers, out the thousands contained in the Data Base.

If we had completed the three-letter group of the code -BGC in this case (B: bottleneck, G: rim, C: central fire)- the results would have been even more narrowed down.

CLASSIFICATION ▾	Caliber Finder 🔍	X 08-025-BGC 🔍 ?	Generic search engine 🔍
CALIBER	SYNONYMS	CLASSIFICATION	XCR CODE
.300 Jaws Micro Mag (2)		CENTRAL FIRE / CF	08-025-BGC-070
7.62mm Russian Tokarev M.1930 (95)	7.62mm M.30, 7.62mm Pistole Patrone 2601 (r), 7.62mm Tokarev, 7.62mm Type 51, 7.62mm Vz 48, 7.62x25 Tokarev	CENTRAL FIRE / CF	08-025-BGC-010
7.62 x 24 Subcaliber for Cannon reducer (9)	7.62 mm M.1973, 7.62 mm Regatia Portugais, 7.62 x 24 Portuguese Subcaliber, 7.62 x 24.5 Portuguese Subcaliber, 7.62 x 25 Regana	CENTRAL FIRE / CF	08-025-BGC-015
7.62 x 24.5 Russian Canopy Ejection (3)	7.62mm Canopy Ejection PV-1M, 7.62mm Impulse Canopy PV-1	CENTRAL FIRE / CF	08-025-BGC-090
7.62 x 25 Chinese Silenced SMG M-64 (1)	7.62mm Chinese Silenced	CENTRAL FIRE / CF	08-025-BGC-011
7.63mm Mannlicher M.1901 (3)	7.63mm Mannlicher M.1903, 7.65mm Mannlicher Karabiner-Pistole m / 1901, 7.65mm Mannlicher M.1903, 7.65mm Mannlicher Mod. 1896, 7.65mm Mannlicher Pistolen-Karabiner M.1896, 7.65mm Mannlicher Selbsts	CENTRAL FIRE / CF	08-025-BGC-020
7.63mm Mauser M.1896 (117)		CENTRAL FIRE / CF	08-025-BGC-030
7.63mm Mini-Whisper (JD Jones) (1)	.30 Mini Whisper, 7.63mm Mini-Whisper JDJ	CENTRAL FIRE / CF	08-025-BGC-50W
7.65mm Borchardt (3)	.30 Borchardt, 7.63mm Mannlicher M.1896, 7.63mm Mauser, 7.65mm Borchardt M.1893, 7.65mm Borchardt M.1894, 7.65x25, 7.8mm Borchardt Selbstlade-pistole	CENTRAL FIRE / CF	08-025-BGC-040
7.8 mm Bergmann No. 5 (4)	7.5 Bergmann No 5, 7.5 mm Bergmann Model 1897, 7.64 Bergmann No 5 1897, 7.64 Bergmann Pistol Carbine 1897, 7.64 Bergmann Pistolen-Karabiner 1897, 7.65 Bergmann 1897, 7.65 mm Bergmann, 7.8 Bergmann, 7	CENTRAL FIRE / CF	08-025-BGC-050

### GENERIC SEARCHING ENGINE

This searching engine looks for in the **CARTRIDGE CALIBER** field and the **SYNONYMS** field of the Data Base.

For instance, as the Caliber denomination used is the ECDV one, sometimes, it is easier to find a Caliber using a Synonym or a “nick name” such as 9 mm Corto (which “official name” in ECDV it is 9 mm Browning Short), by introducing Corto in the Generic Searching Engine.

CLASSIFICATION ▾	Caliber Finder 🔍	XCR Code Finder 🔍 ?	X CORTO 🔍
CALIBER	SYNONYMS	CLASSIFICATION	XCR CODE
10.6 mm Spanish Ordnance M.1884 (6)	.44 Short, 10.6 mm Revolver Mod. 1884, 10.6 mm Spanish Ordnance, 10.6 mm Spanish Regulation M.1884, 11 mm model 1884	CENTRAL FIRE / CF	11-025-CBC-020
.38 Special Short Brazilian (3)	.38 SPL Short	CENTRAL FIRE / CF	09-019-CBC-025
9mm Browning Short (117)	.380 ACP   .380 Auto   .380 Auto Pistol   .380 Auto Webley   .380 CAPH   .380 Colt Auto Hammerless   .380 Colt Automatic Pistol Hammerless   .380 Short Auto Pistol   38 Colt Auto Hammerless   9 mm Short	CENTRAL FIRE / CF	09-017-CGC-010

If you do not know the caliber name or the XCR Code we recommend the use of the Generic Searching Engine to start your search.



## SPECIMEN FINDER FILTERS







Within a caliber there might be different specimens or cartridges, depending on the cartridge type, model, country where it comes from or manufacturer. To facilitate the search there are four filters:

- TYPE
- MODEL
- COUNTRY
- MAKER

As in the CALIBER filters, different filters can be applied to narrow down the search of a certain specimen or a variation within a Caliber.

### Documents

The screenshot shows the 'Specimen Finder' interface. At the top, there is a filter bar with four dropdown menus: 'TYPE', 'MODELO', 'PAÍS', and 'FABRICANTE'. Below this, a 'Show 10 records' dropdown is visible. The main table has columns: 'REFERENCE', 'TYPE', 'MODEL', 'MARKING', and 'COUNTRY'. The 'TYPE' column is highlighted with a red box. The table contains three rows of specimens, each with a small image of the cartridge head and a larger image of the full cartridge. The first two rows are from the USA and the third is from Italy. All three are 'RELIEVES PERCUTORS'.

REFERENCE	TYPE	MODEL	MARKING	COUNTRY
  File 08-039-BGC-010-0166	RELIEVES PERCUTORS	-	A-ZOOM 7.62 X 39	USA
  File 08-039-BGC-010-0167	RELIEVES PERCUTORS	-	A-ZOOM 7.62 X 39	USA
  File 08-039-BGC-010-0389	RELIEVES PERCUTORS	-	-	Italy

By default, all specimens are shown sorted by the field Type, but can be sorted easily using any other field such as Model, Marking (Head Stamp) or Country, clicking on the field name then changing the way specimens are presented on the page.

The number of cartridges shown by page can also be easily change setting up the number of records to be shown.

This screenshot shows the same interface as the previous one, but with different elements highlighted by red boxes. The 'Show 10 records' dropdown is highlighted. The 'REFERENCE' column header is highlighted. The 'TYPE', 'MODEL', 'MARKING', and 'COUNTRY' column headers are each highlighted individually. The table content remains the same as in the previous screenshot.

REFERENCE	TYPE	MODEL	MARKING	COUNTRY
  File 08-039-BGC-010-0166	RELIEVES PERCUTORS	-	A-ZOOM 7.62 X 39	USA
  File 08-039-BGC-010-0167	RELIEVES PERCUTORS	-	A-ZOOM 7.62 X 39	USA







There is also a finder which use all fields contained in the Data Base for this Caliber, including the Head Stamp (Marking in “Google language” ...) or Manufacturer (FN in this example)

## Documents

TYPE MODEL COUNTRY MAKER

Show 10 records

Look for: FN

REFERENCE	TYPE	MODEL	MARKING	COUNTRY
  File 08-039-BGC-010-0764	REINFORCED LOAD	-	7.62X39 FN 76	Belgium
  File 08-039-BGC-010-0060	FIRE / IMPELLER	-	7.62X39 FN 76	Belgium
  File 08-039-BGC-010-0433	ORDINARY	-	7.62x39 FNM 1-84	Portugal

Also if the reference number of a specimen is known, the last four digits of it can be used to find the file.

TYPE MODEL COUNTRY MAKER

Show 10 records

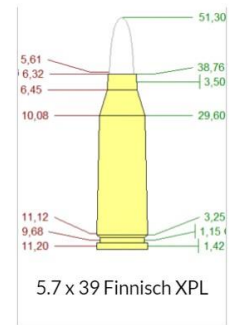
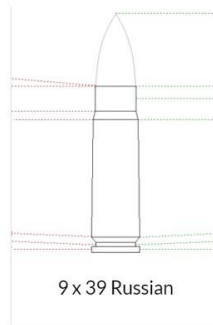
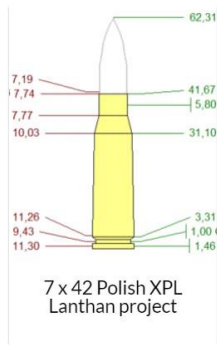
Look for: 0290

REFERENCE	TYPE	MODEL	MARKING	COUNTRY
  File 08-039-BGC-010-0290	FIRE / IMPELLER	-	-	Finland

Previous 1 Next

In the bottom of a caliber page there might be quoted Related Calibers (“Gauges” in Google language...), showing the dimensional drawings of the related calibers images, which can be clicked to consult those Calibers.

## Related gauges



Previous - Next

Finally, we would like to comment that from the file of a specimen, the field corresponding to the name of the caliber can be clicked to open the caliber file, showing then all specimens.

File 08-039-BGC-010-0457



PHOTO: XIMO



CALIBRE: 7,62 x 39 Russian M.43  
FICHA: 08-039-BGC-010-0457



## CARTRIDGE INFORMATION TABLE

CALIBER:	7.62 x 39 Russian M.43
TYPE:	RIOT GEAR
USE:	ESPERIMENTAL
MODEL:	-
COUNTRY:	Czech Republic
MARKING:	ЛПЗ 7,62x39
MAKER:	Storm, spol. s ro
FACTORY:	Pardubice - Rosice
YEAR:	-
OBSERVATIONS:	This cartridge mounts a green rubber bullet, the scabbard is made of brown lacquered steel. It was assembled with recycled pods from different manufacturers, therefore we can find it with different finishes and materials, we also find it both primed and inert from the factory. Designed by engineer Mr. Vaclav Svachoucek in Tormenta s ro, it was to be non-lethal ammunition for use in prisons, they were manufactured with different colors and materials for testing and different types of projectiles were also developed. The project did not produce the expected results and the ammunition never entered service.