

You have an unknown cartridge and want to identify the calibre ?

At time it happens that the calibre of a cartridge under examination cannot be identified immediately.

Especially old military cartridges from the turn of the century without calibre markings can be difficult to identify and usually lead to an extensive and time consuming literature search.

Calibre identification

In this example the unknown cartridge has the following easy to determine dimension:

- **calibre diameter 8 mm / .322"**
- **case length 50 mm / 1.976"**



Select the search

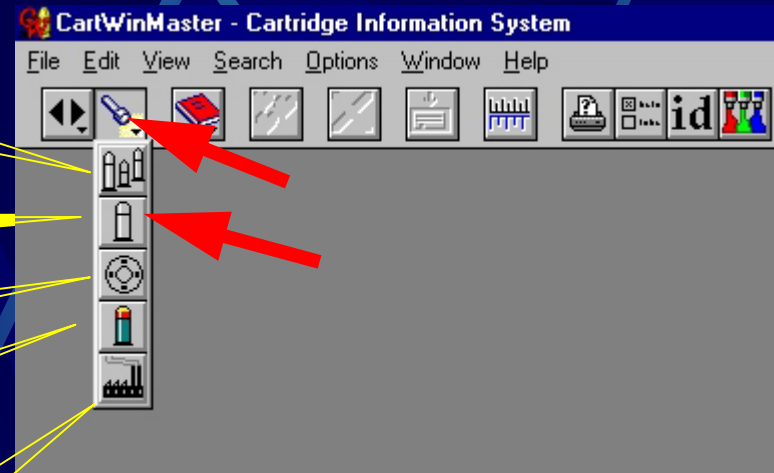
**Search for
collection
records**

**Search for
calibre records**

**Search for
headstamps**

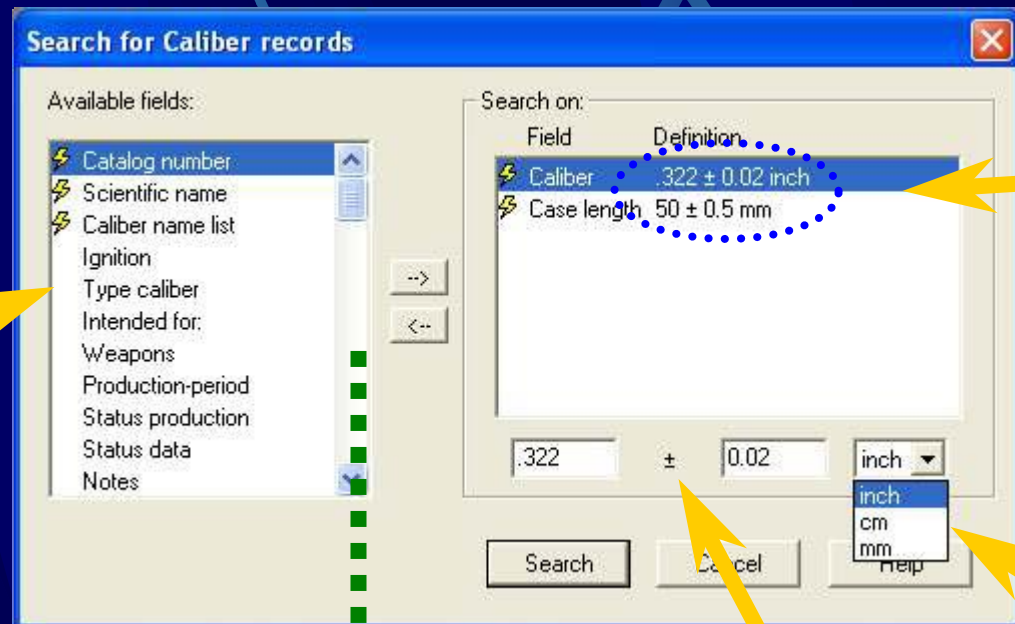
**Search for
colour codes**

**Search for
manufacturer**



**Selection of the search for
the calibre**

Selecting the search criteria



List of available search fields

Used search fields with the search criteria

The search can be performed in different dimensions!


(not all available fields are displayed in this picture)

The searched measures are entered with a ± tolerance of your choice!

List of calibres with a case length of 50 mm \pm 0,5 mm and a bullet diameter of 8 mm \pm 0,3 mm.

Select Caliber record

8 mm Mannlicher M.93



Cat.#	Scientific name	Caliber name list	Cal.	P	Type caliber
GP	8 x 51	8 x 51 Mauser Kurz	8,02	50,29	Civil caliber
GQ	8 x 51R	8 x 51R Mauser	8,02	50,29	Hunting caliber
NL	8 x 50R	8 mm M.1888 Mannlicher	8,2	50,2	Military- & hunting caliber
PA	8 x 50	8 x 50 M.93 Xpl. (Austria)	8,2	50,3	Experimental military caliber
PQ	8 x 50R	8 x 50 R	8,2	50,35	Experimental military caliber
IU	8 x 50R	8 mm Mannlicher M.93	8,2	50,2	Civie- & military caliber
AN	8 x 50R	8 mm Lebel	8,22	50,41	Civie- & military caliber
QX	8 x 50R	8 x 50R Xpl. (Austria)	8,3	50,25	Experimental military caliber
RT	8 x 50	8 mm Nagant 1889 Short Neck	8,3	49,6	Unknown

77 % <= 100% ☒

9 records found

Selection of this record

Selected record in detail

Caliber (IU)

Navigation icons: Previous, Next, First, Last, Home, Search, Print, etc.

Width: 0, 8.2, 8.2, 8.87, 9.01, 12.11, 12.5, 14.1, 14.1, 13.3

Length: 76, 65.4, 50.2, 44.43, 36.98, 1.4, 0.4, 0

Field	Value														
Catalog number	IU														
Scientific name	8 x 50R														
Caliber name list	<ul style="list-style-type: none"> 8 mm Mannlicher M.93 8 x 50 R 8 mm Bulgarian Mannlicher 8 x 50 R Austrian Mannlicher M 93 DWM 358C 														
Ignition	Ce														
Type caliber	Civ														
Intended for:	Rif														
Weapons	...														
Production-period	...														
Status production	Obsolete														
Status data	Data from literature														
Notes	...														
Literature list	<table border="1"> <thead> <tr> <th>...</th> <th>Book reference</th> <th>Book content</th> <th>Year</th> <th>Edition</th> <th>Page</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>+</td> <td>Huon, Jean (1988). Military rifle and mach</td> <td>Photograph & v</td> <td></td> <td></td> <td>136</td> <td></td> </tr> </tbody> </table>	...	Book reference	Book content	Year	Edition	Page	Notes	+	Huon, Jean (1988). Military rifle and mach	Photograph & v			136	
...	Book reference	Book content	Year	Edition	Page	Notes									
+	Huon, Jean (1988). Military rifle and mach	Photograph & v			136										

Synonym list of this calibre

8 mm Mannlicher M.93

100%

diameterwith the relating length

Selected record in detail

Caliber (IU)

Width
0
8,2
8,2
8,87
9,01
12,11

12,5
14,1
14,1
13,3

1,4
0,4
0

Weapons field for the Caliber record

- Bolt action rifles
M 1888, 1890, and 1895 Mannlicher rifles and carbines
- Machine guns
Maxim
Skoda
Schwarzlose

OK Cancel

Weapons: Bolt action rifles...

Production-period: ~ 1886 - ~ 1930

Status production: Obsolete

Status data: Data from literature

Notes: ...

Literature list:

Book reference	Book content	Year	Edition	Page	Notes
+ Huon, Jean (1988). Military rifle and mach	Photograph & v			136	

8 mm Mannlicher M.93

100%

Examples of firearms build for this calibre

Selected record in detail

Caliber (IU)

Width: 0, 8.2, 8.2, 8.87, 9.01
Length: 78, 65, 50, 44

Field	Value				
Catalog number	IU				
Scientific name	8 x 50R				
	8 mm Mannlicher M.93				
	8 x 50 R				
	8 mm Bulgarian Mannlicher				
	8 x 50 R Austrian Mannlicher M.93				
	DWM 358C				
	berdan				
	military caliber				
	ine & Machine Gun				
	ction rifles...				
	~1930				
	literature				
Book reference	Book content	Year	Edition	Page	Notes
Huon, Jean (1988). Military rifle and mach	Photograph & v			136	

Literature list

8 mm Mannlicher M.93

100%

See any related collection record with this button (all record with this calibre)

Print the information together with the picture

Selected record in detail

Caliber (IU)

Width

Length

Field

Catalog

Scientific

Caliber n

Ignition

Type cal

Intended

Weapon

Producti

Status pr

Status d

Literature

8 mm Mannlicher M.93

Copy the picture to the clipboard for further use (i.e. WinWord®)

Dokument1 - Microsoft Word

Datei Bearbeiten Ansicht Einfügen Format Extras Tabelle Fenster ? Acrobat

Standard Times New Roman

100%

Report

Cartridge:

Durchmesser

Länge

0 76

8,2 65,4

8,2 50,2

8,87 44,43

9,01 36,98

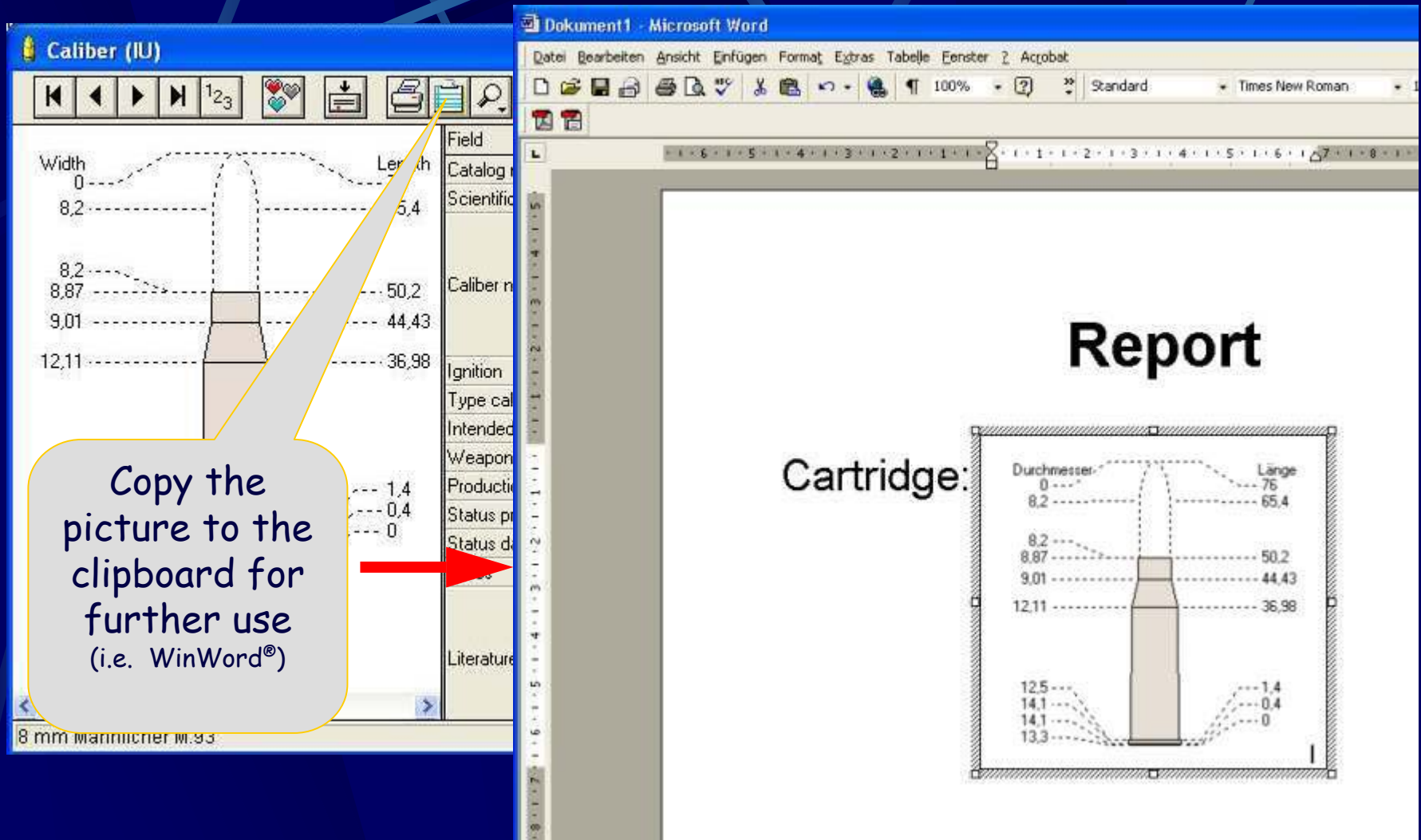
12,11

12,5 1,4

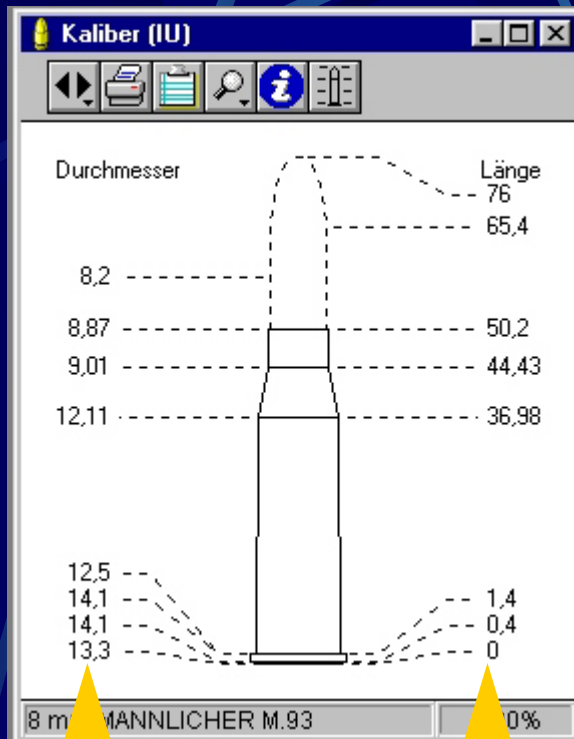
14,1 0,4

14,1 0

13,3



Selected record in detail



diameterwith the relating height

With this information it is also easy to identify the calibre of a firearm. A cast of the chamber can be made to measure the relevant data.

To achieve this our Chamber Cast System is the ideal tool to get an accurate chamber cast (shrinkage less 0,01 %) (casting temperature starting at 48°C).

Further information about the Chamber Cast System is available at

www.manthei-mess-systeme.com

or in the old fashion way directly from us.