



Its on the Visa card, so if its a piece of junk, I don't pay. ;-)

I'll keep you posted.  
ewgardne@syr.edu (Edward W. Gardner)

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Replacement Rear Sight for Swedish M96 Mauser  
by: Frank Di Fulco (fdi fulco@bigeasy.com)

For those who have used 'Kentucky Windage and Elevation' when shooting your Swedish M96 Mauser at ranges less than 300 meters, a solution is available. The replacement sight makers at Williams Sights have developed two styles of rear sights - Open Sight and Aperture Sight, both have adjustments for windage and elevation.

The first step is to drift the pin out for the existing rear sight, remove the rear sight and then install the pin back into the rear sight base. Make sure that the leaf spring is under the pin. Now depress the leaf spring and insert the replacement sight under the pin and above the leaf spring. The sight is held in place by the tension of leaf spring and the shoulders of the rear sight base. Now you are ready to sight in.

Before you go out to the range, get a bottle of "Loctite", the Blue version that can be removed and a small blade screwdriver. The reason for the "Loctite" is to secure the elevation adjustment screw, the windage adjustment has a locking washer in place. To start, turn the elevation screw counter clock wise (left) to lower the base until you no longer feel the screw in contact with the leaf spring, then do a half clock-wise (right) turn. This will get you on the paper at 100 yards. Now for the windage, loosen the locking screw and drift the sight so that an equal amount of the sight shoulder is over the sight base. The open sight has a grid line on the base and a single line on the sight. The aperture sight has the grid line but you can not see it unless you unscrew the pep sight and lacks the single line on the sight (you might want to use so nail polish to make a single line). To raise the bullet impact you need to raise the sight, to lower the bullet impact lower the sight. To move the bullet impact to the left, move the rear sight to the left. To move the bullet to the right, move the to the right.

I tested both sights at 100 yards and they worked great. My only problem was getting the windage to the level that I wanted. The windage does not have the fine adjustment like the elevation. One must loosen the windage lock screw all the way, what happens is that the sight blade will then move with a sneeze - so patience is required to get the windage. I tapped a little to hard several times and had to start over, so take your time.

The sight does justice to the M96, using the aperture sight with my M96 - (6.50 and #1), I put 10 shoots in the 10 ring @ 100 yards. Now this was with 140gr Sierra MatchKings and from the bench. I used the S&B 131gr SP to sight both sights, then used the MatchKings to test for accuracy. I then used the Loctite to secure the elevation screw.

The sights are available from Brownells (515-623-5401):  
Open Sight: 962-660-096  
Aperture Sight: 962-660-196

ED7VOL1A

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A comprehensive list of 8 x 57 IS (and I) factory loads  
 (a bit out of date, maybe...)  
 Version A/04, of 4th July, 1996

Compiled by Alexander Eichener  
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In order to complement the list of available 7,62 x 53/54 R and  
 6,5 x 55 Swedish factory loads which I had compiled for the rec.guns FAQ  
 in the last year (its URLs are

<http://www.telport.com/~dputzolu/IIID1b.html>  
 and  
<http://www.bi geasy.com/~fdi ful co/swedeammo.html>),

here is another list for the extremely versatile German 8 x 57 IS (and I)  
 Mauser cartridge. The small array of weak American loadings does not  
 realize the full potential of this superb hunting cartridge.

Notice: some of my data may be withered. Please be as kind as  
 to supply corrections and additions, where applicable.

The velocity is given mostly in metres/sec, American loads also showing  
 the fps data. The last three figures refer to v-0, v-100, and v-200 in  
 yards and metres respectively.

1) Loadings for the 8 x 57 IS (.321-.323 diameter bullets)

1) FEDERAL (1995)

- "Classi c"	170 gr. /10,01 g	Hi-Shok Soft Point	2360 719	1970 600	1620 494
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2) FNM / Indep (Portugal) (1996)

- "Target"	198 gr. /12,8 g	FMJ	760	675	595
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3) HIRTENBERGER (around 1995)  
 (presently offered loadings)

-	175 gr. /11,3 g	Sierra	780	718	660
-	200 gr. /13,0 g	Nosler	750	680	614

(discontinued loadings, still available in the 1980s, and included in a  
 1994 German importer's catalogue)

-	123 gr. / 8,0 g	TI m-HSp	855	720	598
-	170 gr. /11,0 g	ABC	810	700	599
-	196 gr. /12,7 g	TI m-RK	745	660	581
-	197 gr. /12,8 g	FMJ (VM-Spi tz)	730	670	615

4) HORNADY (1996)

- They might offer a LiteMag hunting load with a soft point bullet.

Warning: do NOT use in any semi automatic rifle. This may  
 damage gun and/or shooter, and has done so in case of the FN-49  
 (with other modern military loads, not with the Hornady).  
 Due to its slow burning rate, the LiteMag might also work better  
 in the diverse long rifles than in the carbines.

5) LAPUA (1996)

-	200 gr. /13,0 g	SP	750	652	561
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(also marketed by German SK as "Zeni th", with the same data)

## ED7VOL1A

6) NORMA (1996)						
(Hunting loads:)						
-	196 gr. /12,7 g	Alaska	770	676	589	
-	196 gr. /12,7 g	Vulkan		770	687	609
(Jaktmatch practice ammo:)						
-	123 gr. / 8,0 g	FMJ	860	706	569	
(Target and Match ammo:)						
-	200 gr. /13,0 g	Sierra Match		770	721	674
(This load only available in Germany, not within the USA)						
(discontinued loading, still available back in 1989)						
-	165 gr. /10,7 g	SP PPC/Vulkan		870	760	659
7) PMC/El dorado (1996)						
-	170 gr. /11,0 g.	PSP		2360	1969	1622
				719	600	494
8) REMINGTON (1996)						
-	170 gr. /11,0 g	Soft Point Core-Lokt	2360	1969	1622	
				719	600	494
9) RWS (1994)						
Target Ammo:						
-	187 gr. /12,1 g	Scheibengeschoss HP	800	695	600	
Hunting Ammo:						
-	187 gr. /12,1 g	H-Mantel -KupferHSp	820	770	730	650
-	Geco brand 196 gr. /12,7 g	SP RN		800	685	585
-	RWS 196 gr. /12,7 g	SP RN		800	700	625
-	197 gr. /12,8 g	Brenneke TIG	800	700	625	
9) SAKO (1996)						
-	200 gr. /13,0 g	Soft Point	770	665	572	
-	127 gr. / 8,2 g	FMJ		800	640	500
10) SELLIER & BELLOT (1992)						
-	196 gr. /12,7 g	Tl.m. Scharfrand		790	692	596
-	196 gr. /12,7 g	Kupferhohlspitz		783	712	645
11) WINCHESTER (1995)						
-	170 gr. /11,0	Soft Point	2360	1969	1622	
				719	600	494

And, as part II:

Ammunition in the old 8 x 57 I caliber (.318 diameter bullets):

a) NORMA						
-	196 gr. /12,7 g	SP RN		770	660	561
	(this one listed in Frankonia's 1995/96 catalogue, but not in Norma's own catalogue)					
b) SELLIER & BELLOT						
-	196 gr. /12,7 g	Soft Point round Nose	710	607	517	

Well, you see there is some choice to select from :-)

Regards from Germany,  
Alexander Eichener  
c96@i.x.urz.uni-heidelberg.de

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Firearms related Web sites by: Kyrie Ellis (KYRIEELLS@aol.com)

This is a follow-up to my earlier note on URLs...

The last few days I've found myself chained to a PC with absolutely nothing to do, and access to the net. So rather than do the usual thing (fall; A. asleep, and B. off of my chair), I spent the time wandering around the net. Found some interesting things and thought I'd share them.

My original post was every bit as disordered as I usually am - hope this is a little better.

Kyrie

P. S. I especially recommend the PETA (People Eating Tasty Animals) page to anyone who has had the kind of week I've had...

HP=Home Page

#### ORGANIZATIONS

- [American Firearms Industry]  
<http://www.amfire.com/>
- [American Pistol Smith's Guild Directory]  
<http://www.shooters.com/apg/members.htm>
- [AWARE HP (Arming Women Against Rape and Endangerment)]  
<http://www.aware.org/>
- [BATF]  
<http://www.ustreas.gov/treasury/bureaus/atf/atf.html>
- [NRA HP]  
<http://www.nra.org/>
- [CCRKA HP]  
<http://www.CCRKBA.org/ccrkba.org/>
- [IHMSA (Silhouette shooters) HP]  
[http://bulldog.afsc.k12.ar.us/pages/i\\_hmsa.html](http://bulldog.afsc.k12.ar.us/pages/i_hmsa.html)
- [Women's Firearms Network]  
<http://www.amfire.com/wfn.html>

#### SITES WITH MANY FIREARM RELATED LINKS

- [site list]  
<http://www.shooters.com/gunlinks/globalpha.htm>
- [many good pages!]  
<http://www.prairienet.org/guns/>
- [list of firearm related URLs]  
<http://www.prairienet.org/guns/pages.htm>
- [alternate list of firearm related URLs]  
<http://www.amc.edu.au/staff/nj/njhome.html>
- [nice net search page]  
<http://www.direct.ca/id/search/index.html>

#### PUBLISHERS, BOOK STORES, AND THE LIKE

- [Heritage Gun Books, publisher of Kuhnhausen]  
<http://www.gunbooks.com/>
- [Online book store]  
<http://www.shooters.com/bbbooks/>
- [Online book store]  
<http://www.books.com/>
- [Precision Shooting]  
<http://www.shooters.com/psmag/>
- [Shotgun News HP]  
<http://www.cnweb.com/shotgun/>

#### MANUFACTURERS, IMPORTERS, DISTRIBUTORS

- [Aro-Tek HP (Glock add-ons)]  
<http://www.coolworld.com/outdoor/aro-tek/>
- [Barnes Bullets HP]  
<http://www.itsnet.com:80/home/bbullets/>
- [Barstow Barrels HP]  
<http://www.shooternet.com/barsto/>
- [Carl Gustaf HP]  
<http://www.shooters.com/carl-gustaf/index.htm>
- [Century Arms International, VT HP]  
<http://www.generation.net/~century/>
- [Glock Online]  
<http://www.amfire.com/glock/glockhome.html>
- [Freedom Arms HP]  
<http://www.cyberhighway.net/~freedom/index.html>
- [H&K]  
<http://gwis2.circ.gwu.edu/~dcp/hobbies/hk/>
- [Hodgdon Powder HP]  
<http://www.unicom.net/hpc/>
- [InterArmCo]  
<http://www.shooters.com/Interarms/>
- [Izhensk, Russia HP]  
<http://www.udm.ru/mehzavod/>
- [Lapua, Finland HP]  
<http://www.lapua.com/>
- [Leupold's HP]  
<http://www.leupstv.com/>
- [Magnum Research (CZ) HP]  
<http://www.magnumresearch.com/CZ.html>
- [Marlin's HP]  
<http://www.marlin-guns.com/>
- [Mauser-Werke Oberndorf HP]  
<http://www.mauser-werke.de/>
- [NORINCO]  
<http://www.shooters.com/norinco/index.htm>
- [Norma]  
<http://www.shooters.com/norma/index.htm>
- [North American Arms HP]  
<http://www.uvol.com/bullseye/naahome.html>
- [Nosler HP]  
<http://www.nosler.com/>
- [Old Western Scrounger HP]  
<http://www.snowcrest.net/oldwest/index.html>
- [Taurus Firearms HP]  
<http://www.taurususa.com/>
- [Sierra HP]  
<http://www.sierrabullets.com/>
- [Sako]  
<http://www.shooters.com/sako/index.htm>

ED7VOL1A

- [Shilen Barrels]  
<http://www.shilen.com/shilen/>
- [Springfield Armory]  
<http://www.springfield-armory.com/>
- [Magnum Research (CZ) HP]  
<http://www.magnumresearch.com/CZ.html>

TECHNICAL INFORMATION

- [Nice introduction to ammo for the novice]  
[http://users.aol.com/vaquero760/a\\_index.htm](http://users.aol.com/vaquero760/a_index.htm)
- [guns.rec FAQ (technical)]  
<http://sal.cs.uiuc.edu/rec.guns/>
- [guns.rec FAQ]  
<http://www.teleport.com/FAQ/RecGuns.html>
- [For those who enjoy BIG guns]  
<http://mystic.nmt.edu/index.html>
- [Lee-Enfield info]  
<http://www.uidaho.edu/~stratton/en-page.html>
- [9m/m Largo info]  
<http://indy.n-link.com/~largo/>
- [SKS info]  
<http://www.teleport.com/~yngwie/sksfaq.html>
- [USMC 1911A1 fact file]  
<http://www.usmc.mil/factfile/2206.htm>
- [USMC M14 fact file]  
<http://www.usmc.mil/factfile/21de.htm>

ODDS AND SODS

- [devotee to the 7x57 - nice 7x57 page]  
<http://pages.prodigy.com/AL/rangerdave/>
- [Canadian fi rearms site]  
[http://teapot.usask.ca/cdn-fi\\_rearms/homepage.html](http://teapot.usask.ca/cdn-fi_rearms/homepage.html)
- [People Eating Tasty Animals (PETA) - what a hoot!]  
<http://www.mtd.com/tasty/>
- [site for those interesting olde west gunfight(ers) & (ings)]  
[http://www.gunfighter.com/hd\\_links.html](http://www.gunfighter.com/hd_links.html)
- [PA gunshop w/smith]  
<http://www.nauticom.net/www/bravermn/bravermn.htm>
- [Self-Defense site]  
[http://home.global.co.za/~incose/stopping\\_power/stop.htm](http://home.global.co.za/~incose/stopping_power/stop.htm)
- [Stolen fi rearms]  
<http://www.rtt.ab.ca/rtt/personal/stolen.htm>

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Mauser Clones part 3 - the Arisaka  
by: Ward M. Clark (Wclark1046@aol.com)

John Walter's "Rifles of the World" states first about the Arisaka pattern rifle,  
"This sturdy  
turning-bolt action was designed and developed in Japan." When I read that little

nugget,  
I thought, "WHAT!" The Arisaka, upon examination, is obviously a clone of the classic Mauser pattern, and that is why I decided to make it number 3 in the Mauser Clones series.

Instrumental in the creation of the Arisaka rifle was, not suprisingly, Colonel Nariake Arisaka. The Japanese encountered Chinese troops armed with German GEW 88 rifles in 1894; being convinced that a clip-loaded box magazine repeater was the best design for the Emporer's military, Colonel Arisaka's committee settled on the Mauser pattern as the basis for the new rifle that would bear the Colonel's name.

The Arisaka pattern guns utilized the Mauser-type twin lug bolt and the Mauser type trigger and magazine. Modifications included a rather odd reciprocating bolt cover, and a rather large and clumsy safety and cocking piece.

The Arisaka took several incarnations. First was the Model 1896, in the semi-rimmed 6.5X50mm chambering. The 1896 type can be distinguished by a distinctive safety hook projecting upward from the cocking piece. Soon after came the Model 1897, with a new stock pattern, a simplified cocking piece and a single barrel band.

The 1902, or Type 38, model adopted the really huge cocking piece that has come to represent the Arisaka pattern to most collectors. Other improvements included a new gas port, a better bolt head, and a tangent rear sight. The Type 38 was produced in Infantry, Sniper patterns as well as Cavalry and Artillery carbine versions.

In 1939 the Arisaka Model 1939 or Type 99 rifle was introduced in the improved 7.7X58mm rimless cartridge. The improved cartridge, it was hoped, would improve long-range performance. (It did.) This is the Arisaka used over much of the Pacific in World War II.

The Arisaka should be regarded for what it is - yet another successful military bolt rifle based on the classic Mauser pattern!

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Publisher's Comments - by WClark1046@aol.com (Ward M. Clark)

It's been quite a month.

July is typically my month for getting hunting equipment into shape. I have been sighting in rifles, including sighting in a new scope on my .222 that I will be hunting turkeys with in just a few weeks. (The .222, regrettably, is not a Mauser, but rather a 340 Savage. A nice "walking-around" rifle, nonetheless.) I intend to try Hornady's new Light Magnum 7X57 ammo in my rebarreled 91 Argentine (Hornady assures me that this ammo is loaded to under 40,000 cup.) 2800 fps ought to be good antelope medicine. I'll let you all know how it performs.

Another project, fitting a modular trigger to a M1910 Mexican Mauser, fell through. Neither the Bold nor the Timney triggers would fit without extensive modifications

ED7VOL1A

to the trigger guard. So I put the original trigger back on. Buyers Beware! Timney advertises a Featherweight Deluxe trigger for the 1910 small ring 98, but the one I received does not fit! This is an unusual state of affairs from Timney, whose products are usually excellent.

I spent this last weekend sitting at a table at the huge Tanner gun show in Denver. Four fine Mauser rifles on the table, and I ended up taking all four home again. (I also committed to buy a 98 large ring built up into a very nice Mag-Na-Ported sporter barreled in .338 Win Magnum.) One fine gent stopped and examined a gorgeous Steyr-built 98 large ring, black walnut stock, .30-06 sporter barrel, Buehler safety, new bolt handle, drilled and tapped. Beautiful hunting rifle. He set it down and asked me if I had a Remington 700. Ignorance is a shame, isn't it?

Have a great month - Good Shooting!

Ward