Mauser Sniper Scope Mount With Split Rings 26.5mm (No.1008)

*Note; it has come to our attention that many consumers believe that all "reproduction" optics and mounts emanate from one Asian manufacturer but are sold by a variety of companies. This is **not** the case at all; in fact there are several manufacturers of these optics and mounts located in the same geographical area of the world. Subsequently, not all reproduction optics or mounts are made the same or to the same quality. Red Star Mountain (RSM) uses known vendors and stringently controls the quality of all of its products to ensure consistency. Our products are manufactured as close to the originals as possible. Keep in mind that we do not have the original manufacturing drawings; rather we use original samples as models for our products. At times this can lead to missteps but we try our best to make our products as accurate and authentic as we possibly can.*

If you are reading this you most likely have an interest in obtaining or building a K98 sniper rifle and are considering optics and mounts. As you may (or will) discover, the Germans used a wide variety of optic mounts pre and during WWII. As the title says, this document is specific to the Closed Ring Set which the Germans called the "Turret Mount".

The Turret Mount optics mount was derived from hunting scopes/mounts of the era proceeding WWII. As Germany began to build up its armed forces leading up to the beginning of what would be called WWII, Germany adopted known designs and pressed them into service. Of course this is a very generic and ambiguous description of the development and use, however RSN strongly recommends those interested in this subject to do their own research and learn as much about this subject as they feel is adequate. ***Potential buyers/users of this product must understand that the split rings in this configuration was not used by Germany, RSM developed this product to allow enthusiasts to build tribute weapons without the issues of dealing with the closed rings which did not allow the optics to be removed from the rings.***

The Turret Mount system was relatively unique in its day because it allowed the removal of the optics without the use of tools. That said, the German Army did not recommend the removal of the optics during combat operations in fear that the zero would be lost in the process. The system uses different mounting systems for the front and rear mounts. In the front base which is mounted to the weapon using 2 screws features a female receptacle into which the male component (mounted on the optic) is placed at 90 degrees, and then the optic is rotated 90 degrees wherein the rear mount slides over the rear base which is held onto the rifle via 2 screws and the optic is locked into position via a throw lever on the left side.

The following information is suggestive in nature, meaning there may be other ways to mount and assemble these mounts and the optic. RSM ***HIGHLY*** recommends professional installation

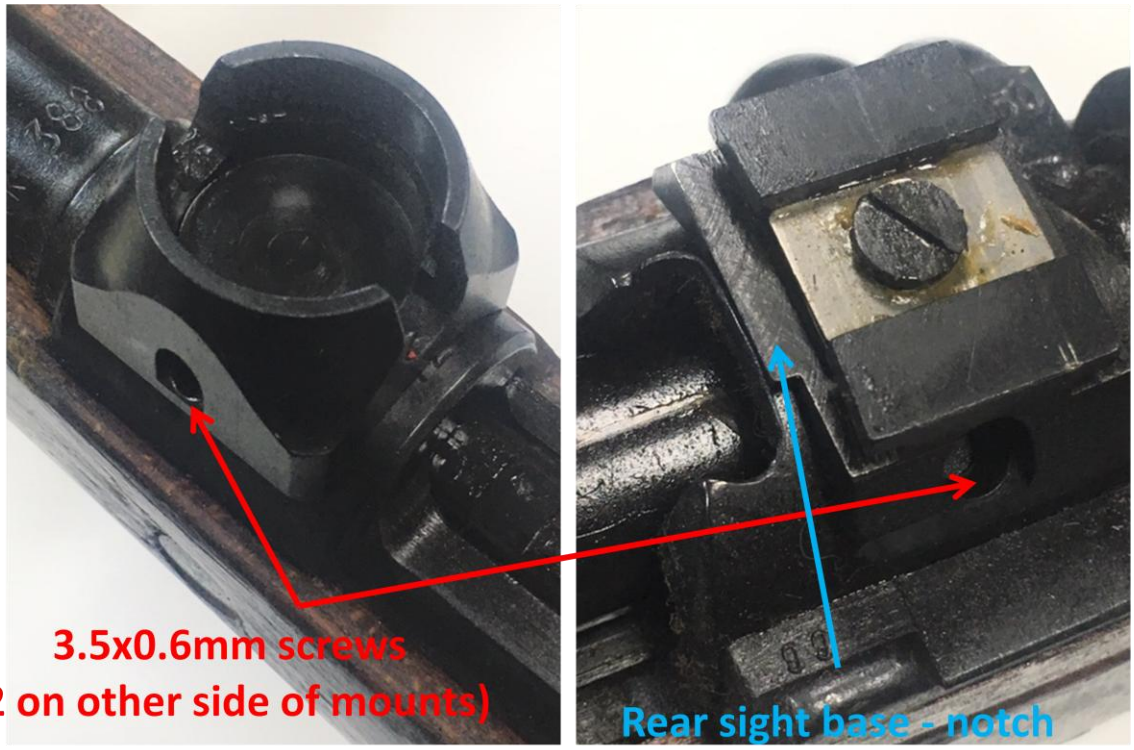
of this product and is not responsible for incorrect mounting, alignment or damage of the mounts or the optic during installation.

WHAT THIS MOUNT FITS

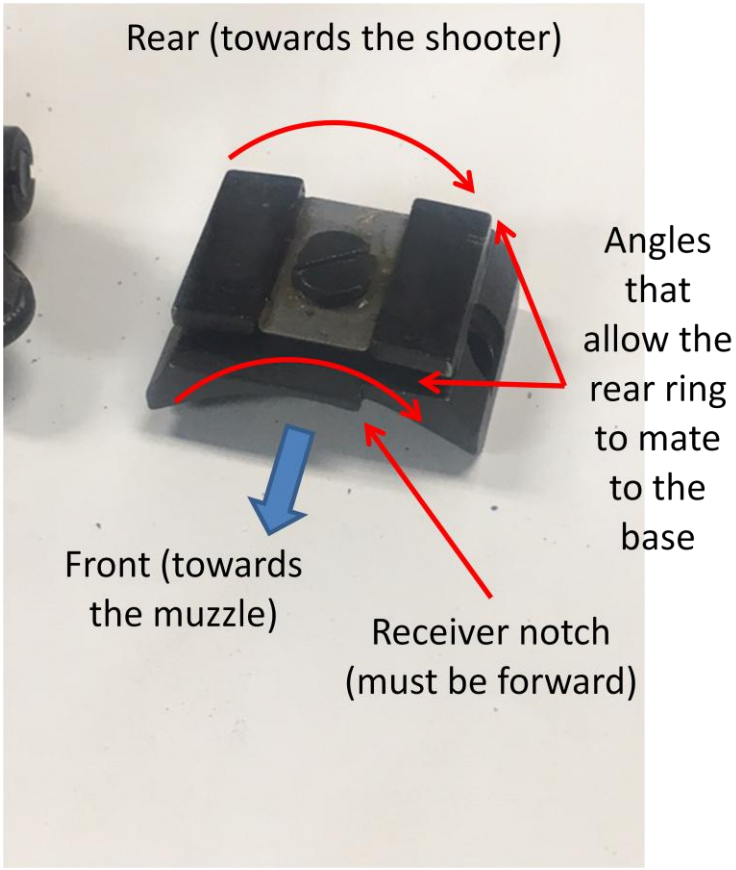
As noted above, RSM patterns its products off of original examples; subsequently the Mauser Sniper Scope Mount With Split Rings 26.5mm (No.1008) was designed to fit the German K98 rifle. The German K98 was made in the thousands, additionally many other countries made copies and variants of this rifle for many years. In general the K98 Mauser is termed a “large ring” Mauser, subsequently this mount may fit other Large Ring Mausers. Those interested in building a specific rifle should thoroughly research the actual rifle they have to determine if this optic mount will fit the rifle and meet their needs.

HOW THE BASES ATTACH

As stated above, the sight bases mount to the rifle via two 3.5 x 0.6mm screws. There are reports that at least in some cases; the bases were “soft” soldered to the rifle receiver as well. Again as noted, RSM highly recommends that the bases are professionally installed. It is imperative that the bases are mounted perfectly in line, both with the bore of the rifle and with each other.



NOTE: The rear bas MUST be put on correctly or the optic will not be able to be installed or removed. The base has an angle cut into the front and back of it (relative to the receiver, the angle is slightly circular).



There are several ways to mount these bases and as mentioned, the bases can be soft soldered to the receiver in order to position them prior to drilling and tapping. One product that can be used is TIX soldier, it has a very low melting point (will melt and flow at 275 degrees) and has a good adhesion tinsel strength.

In order to do this, you need to follow the instructions for the solder that will be used; however in general these are the steps;

1. Ensure the weapon is unloaded and clear
2. Remove all coating, lubricants and foreign matter from both the base and the receiver
    a. Degrease both parts
    b. Use some sand paper or emery cloth to remove the coating
    c. Remove the dust/debris by blowing off or wiping
    d. Use a solvent like alcohol or acetone to wipe down the parts
3. Tin the parts
    a. Apply the appropriate flux to the part (either part)
    b. Heat the part
    c. Apply the solder (it should flow and not ball up)
    d. Repeat A through C on the other part
4. Position the base onto the receiver
5. Heat the base until the solder sticks
6. Remove any excess (use a wire brush or damp rag)
7. Allow to cool completely

If you incorrectly position the base, it can be reheated and repositioned. Once the bases are correctly positioned, the screw holes can then be marked, drilled and tapped. If the holes are to be drilled with the bases in place, care must be taken no to damage or move the bases.

HOW THE RINGS ATTACH

Once the bases are attached to the rifle, the rings can be put into place in the bases.

After the rings have been installed, the ring caps can be removed

Ensure that the ring saddles (where the optic will lay) is free of debris or foreign material to include lubricant, grease, oil, etc. The optic can be placed into the rings

Then the ring caps can be reinstalled

- The optic must placed so that a comfortable eye relief is established
- The optic must be installed correctly vertical (square to the receiver)
- The ring caps must be tightened down evenly (same amount of gap on each side)
- The screws should be tightened to approximately 15 in lbs

Note: Ensure that the rear locking lever is tight to lock the ring into position on the base.