

Attaching, Type U Side Mount

U Side Mounts are suitable with both K2.5 and K4 Scopes. Generally U Top Mounts are preferred with the K4 Scope which has slightly more overhang than the short K2.5. Use U Top Mounts on guns not listed below.

U1. For nearly all high power bolt action rifles except Krag, Savage 40, 45.

U2. For all .22 rifles on which a low mount is suitable (except guns with octagon barrels). Attach to barrel on pump guns and others with flat receivers. Attach to receiver on bolt action and others with

round receivers. Use U2 on Krag and Savage 40, 45 with K2.5 Scope.

U3. For Winchester lever action rifles.

U4. For Remington Autoloader Model 8, 81 with K2.5 Scope.

U5. For Mauser with enlarged or offset receiver ring.

1. Before drilling attaching holes determine the correct location of the mount on the gun and the scope in the mount. Spread the clamps about $\frac{1}{8}$ " to prevent scratching the tube when the mount is put on the scope. The eyepiece should be normally about 4" from the eye. (If desired the K2.5 Scope can be mounted forward of the bolt handle on certain guns having high bolt lift as the Springfield. Then the eye will be about 6" from the scope and the field of view will be smaller as the view is always decreased when any aperture is moved away from the eye.)

2. The K2.5 Scope turret can be forward of the mount or it can be placed in the center of the mount depending on location of the scope and mount. The K4 turret is nearly always placed in the center of the mount. To place the turret in the center of the mount, unscrew adjusting screws about two turns, remove the three small screws, and lift off the turret. Slip the mount on the tube and replace the turret to exactly its former position as marked on the tube. If it is moved forward or back this will cause parallax. (See Parallax Adjustment, Page 1). To prevent water entering the scope leave the sealing compound under the turret and fully tighten the three screws.

3. The reticule should be central in the scope. If it is off-center turn the elevation and windage screws to move it to the exact center.

4. U1, U2, U4, U5 Mounts. After determining the position of the mount mark the location of one of the center attaching holes on the gun, center punch, drill with a No. 28 drill, tap with 8-40 tap. Be sure the drill does not cut oversize or the threads in the gun will not be full and sharp. The base of U4 Mount should be $\frac{1}{8}$ " to $\frac{3}{16}$ " to the left of the ejection port on Remington 8, 81 to allow free ejection of empty shells.

5. Place the gun in a vice or some fixed position with the bore or regular sights aligned on a mark about 40 or 50 feet distant. Lever and pump rifles can be bore-sighted by inserting a small mirror in the breech. When held at an angle, the mirror gives an unobstructed view through the barrel.

6. Attach the scope to the gun with one screw. The scope should then point at or very close to the mark on which the gun has been boresighted. If it does, then mark, center punch, drill, and tap the remaining three attaching holes. If it does not, the position of the second attaching screw hole can be varied slightly to bring the scope into better alignment. When the second screw is inserted, again check the scope alignment before drilling and tapping the third and fourth holes.

7. U3 Mount. Always check alignment on lever action rifles by boresighting before drilling. The mount shoulder should rest on the top of the receiver. The attaching holes should be drilled very slightly (.004" or .005") below center to pull the shoulder down firmly against the receiver. When attaching the mount be sure all screw heads in the receiver are below the surface or they will prevent the mount resting flat.

TIGHTENING

The slightest movement of the scope or mount will cause the gun to shoot to a different point. To be confident that the bullets will hit where you aim all screws should be as tight as possible to prevent any movement from recoil or rough handling. All screws are hardened to allow full tightening. Turn the four attaching screws and four scope clamping screws a little at a time until they are all as tight as you can turn them.

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