



Maintenance of ISMS mounts.

The mount is made out of 7075 T651 Aluminum and is covered with a sealed hard coated finish.

Normally there is no need for maintenance, but if the system have been submerged in salt water or spend time close to saltwater it might be a good idea to wash it off that and that is easiest done by just using normal fresh water.

Torque

Rings screws should be torqued between 1,9-2,9 Nm (15-25 inch/lbs) depending on scope manufacturer.

Mounting screws for base is recommended 5 Nm (45 inch/lbs).

Screws for accessories are recommended 2,8 Nm (25 inch/lbs)

All screws come waxed to make the torque more even and avoid binding. The screws can be glued if the customer wishes, same as the scope can be glued against the rings if that is preferred, in such case please clean both screws and holes carefully with acetone or similar solvent.

Level replacement

The level is mounted between two thin rubber washers and the level can easily be replaced.

Replacement of level is done without removing mount or scope from mount, there is no need to check zero after replacement of level. We recommend great care when doing it as the level is made out of plastic and can easily be destroyed if too much torque is applied on screw. Only very little torque should be used, just enough to prevent it to rotate. M8 set screw that holds the level in place should be fixed with Loctited and we recommend #222. Great care when cleaning threads before gluing is recommended.

Solvents

Normal solvents as alcohol, acetone etc causes no problems on metal surfaces. Make sure to protect the plastic level.

Acid

Acid should be avoided as it will make harm on all parts, both aluminum and steel screws.