



TRS

Lamprey Gun Turret

(Revised August 2006)

Design, Function and Use

The Lamprey Gun Turret is designed for military firearms such as the M-16, as well as sporting firearms including rifles, carbines, over and under, side by side and pump shotguns.

The Lamprey functions well on most all firearms and its ultimate fit and performance depends upon the gun stock's forearm design, texture and features.

The Lamprey is equipped with a lockable ball and socket to allow the shooter equipped with a prosthesis to fire comfortably from a variety of positions; standing, sitting, prone, etc. The ball and socket will allow for adjusting pitch, yaw, etc. enabling precise gun support and positioning.

Additionally the system is designed to pivot. The pivoting platform above the ball and socket can be adjusted with two Allen set screws to move freely or under friction, as preferred by the shooter.

The Lamprey should also be mounted into the prosthesis so that it can rotate as desired by the shooter. An "O" ring has been included and may be employed, depending upon the prosthesis's wrist design. The "O" ring can function as a compression washer between the Lamprey and the wrist or be sandwiched between a "wrist disconnect adapter" and the Lamprey. Discard the "O" ring if it is not useful. Both disconnect style or friction adjustable prosthetic wrists work with the Lamprey. The combination of prosthetic wrist rotation and the swiveling platform provides the necessary degrees of freedom necessary for "wing" shooting, trap, skeet and field hunting scenarios.

The Lamprey "Yoke" is a stiff but flexible synthetic polymer. It conforms to various stock surfaces. It has a uni-directional channel. The channel is equipped with tapered "fins". Position the Lamprey onto the gun with the narrow end of the fins towards the shooter. The TRS LOGO always faces towards the target not the shooter.

The Lamprey snaps onto the forearm of the stock and can be pulled back tightening onto the stock for total, precise control.

Re-adjust the lockable ball and socket as required for handling, sighting and firing.

Contact TRS for questions, etc.
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