

# Gimbal Holder for FRJ

## Getting Started



The **Gimbal Holder for Fiber optic Rotary Joint** allows pivoting the rotary joint along two axes to **reduce the lateral force** on the bearing when optical fiber is pulled sideways, for which then **improves the rotation and the optical transmission stability**.



1. Fix the main part of the gimbal holder to your cage construction or to a counter-balance arm **using the #8-32 threads, or the 4.9 mm wide slot**. Make sure the outer ring is kept **horizontal**.

2. Once you've connected the optical fiber cable on the stator side (upward), you should **position and fix it vertically** to ensure that the central part and the rotary-joint is **horizontal**.

