Recoil Management Products
Custom Engineered Shock Isolation Products to Absorb Recoil Energy

**Defense**
- Reduce Weapon Weight
- Reduce Maintenance
- Protect Structure

**Military**
- Protect Optics and Electronics
- Reduce Ammunition Use
- Control Firing Rates

**Law Enforcement**
- Drop-in Replacement for Mass Buffer
- Increase Weapon Reliability
- Improve Target Accuracy
- Improve Scores

**Sportsmen**
- Enhance Shooter Comfort
- Reduce Felt Recoil
- Reduce Flinching
Recoil Product Development
• Custom Engineered Solutions
• Over 40 Years of International Product Experience
• Design, Development and Rapid Prototyping
• High Volume Production Capability
• Shock Isolator Recommendation Services

Analysis & Testing
• Application Analysis and Development
• Shock and Drop Simulation
• Visual Evaluation of System Behavior
• Static, Dynamic, Drop and Vibration Testing
• Multi-degree of Freedom Testing
• Reliability, Cycle, Endurance and Life Testing
• Environmental Testing

Product Technologies
• Integrated and Stand-Alone Hydraulic Damping
• Custom Elastomeric Design and Development
• Hybrid Shock Isolation Products
• Bolt Buffers
• Weapon Mount Buffers
• Friction and Wire Rope Technology
• Gas-Over-Hydraulic Technology
• Viscous Fluid Damping

Design
• Advanced Orifice and Valve Technology
• 3D Modeling
• FEA Analysis of Solid Models
• Accurate Physical Properties and Stress Analysis
• Integrated Product Development Management System
• Dimension 3D Printing Technology
• Rapid Prototyping