



ITT

# Recoil Management Products



*Engineered for life*

# 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

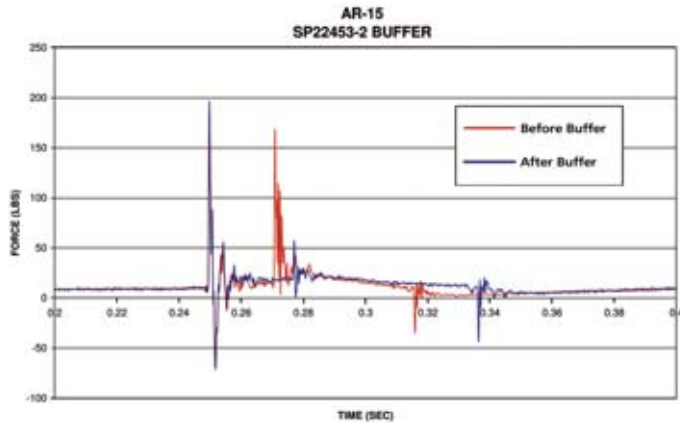
## Sportsmen



- Enhance Shooter Comfort
- Reduce Felt Recoil
- Reduce Flinching

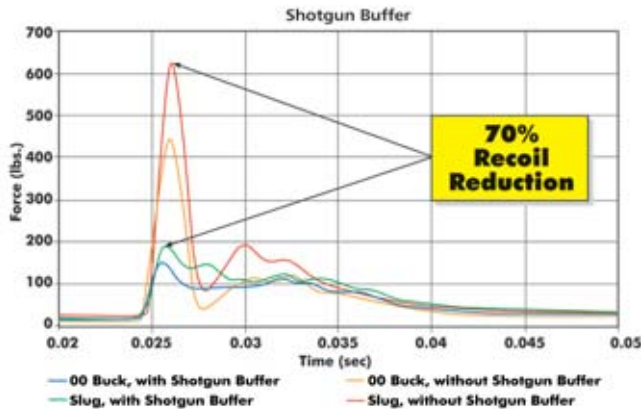
## Recoil Product Development

- Custom Engineered Solutions
- Over 40 Years of International Product Experience
- Design, Development and Rapid Prototyping
- High Volume Production Capability
- AS9100/ISO9001 Certified
- 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



AC130 Gunship



Miniature Dampers

25mm Sniper Rifle



TM 197B Light Turreted Gun



Shotgun Buffer

Elastomeric Recoil Pad



AR-15 / M4



Minimi Gun



M240B



Elastomeric Decelerators



M2 .50 Caliber Machine Gun Recoil Buffer for the MK93 and Soft Mount



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