



# SEISMIC DAMPERS

## Building Applications

### BY TAYLOR DEVICES

Originally developed for military and aerospace applications in the 1960's, Taylor Fluid Viscous Dampers are now used by structural engineers worldwide to protect their work and the people who rely upon its safety.

- With over 700 projects world-wide, we are the world leader in providing seismic and wind dampers for any structure
- Our dampers have been validated through rigorous research, full scale testing and published work by highly reputable organizations
- Proprietary dry-running seals have been qualified and tested for millions of cycles and are manufactured only by Taylor Devices
- High strength, mirror polished, stainless steel piston rods
- Strict control over our design and manufacturing processes with 3rd party certification to ISO 9001, ISO 14001 and the stringent aerospace quality standard AS9100
- Identical quality standards for all our products whether they are used for spaceflight, military equipment, buildings or bridges
- Products certified by NASA are now being used to save lives on earth
- Our policy is to test every single seismic damper we produce to maximum output requirements
- Taylor dampers are designed and tested in output force ratings up to 2 million pounds (8900 kN) and amplitudes up to +/-42 inches (1.06 m)
- Highly efficient damper design can absorb tremendous amounts of energy during an earthquake thus minimizing or eliminating damage to the structure
- Unequalled ability to provide a damper design that is accurate, controllable, efficient, temperature and frequency independent and maintenance free
- Taylor dampers have unequalled ability to respond to extremely small or very large motions
- The only technology that can reduce stress and deflection simultaneously; damper forces are out of phase with structural dynamic forces
- 35 year warranty

ISO 9001  
AS9100  
ISO 14001

