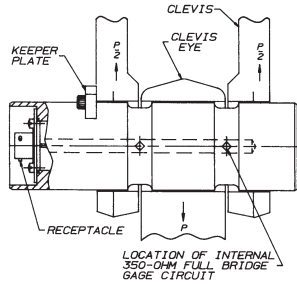


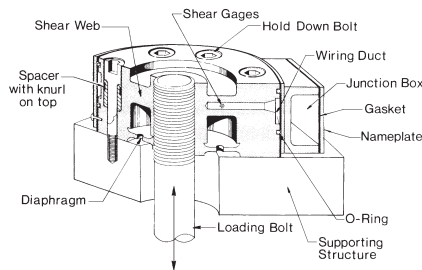
COMPANY OVERVIEW

CLEVIS PINS



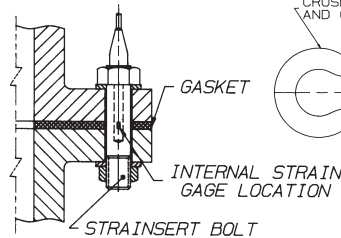
- Winch/Crane/Lifting Systems
- Aircraft Wing Joints
- Landing Gear Clevis Joints
- Hydraulic Cylinders
- Sprocket, Pulley Axles
- Conveyors
- Mooring Lines

FLAT LOAD CELLS®



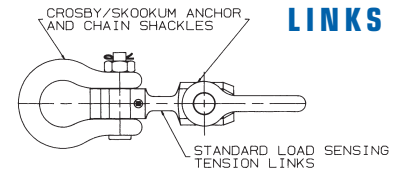
- Bin Weighing
- Process Control Systems
- Hydrostatic
- High Load Fatigue Tests
- Test Standards
- Hoist/Crane

BOLTS & STUDS



- Critical Bolted Attachments
- Interstage Attachments
- Payload Forces
- Antenna Joints
- Aircraft Tire Hubs
- Engine Attachments
- Aircraft Flanges

TENSION LINKS



- Line Tensioning
- Mooring/Tow
- Hydrostatic/Undersea
- Test Standards
- Hoist/Crane

TRANSDUCERS

Since 1960, Strainsert has pioneered the force transducer industry. Our patented transducer designs are made possible by innovative internal gaging techniques and an unsurpassed dedication to engineering and customer requirements.

Today, we continue to champion the industry with our knowledgeable and dedicated technical, sales and manufacturing team. Our goal is to provide the most responsive, accurate, and efficient force measurement solutions for research, testing, weighing, and control applications.

We understand the importance of each one of our customer's applications and hold quality as our highest priority. In this regard, Strainsert offers a two year warranty on all Strainsert manufactured products. Our in-house design and production allows rapid prototyping and design flexibility while our NIST traceable calibration facility provides the capability for special proof/overload testing as well as a final force calibration on all products. Further, we maintain material certifications and use proven vendors for special heat treat, non-destructive testing and material finishing processes.

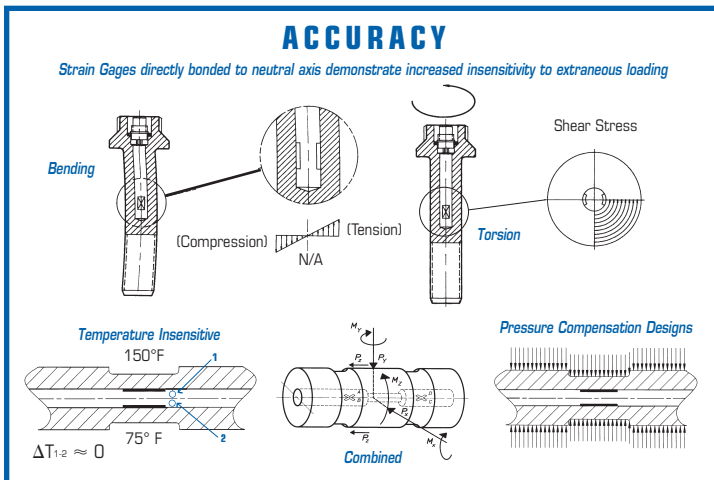
The following literature details our line of standard force transducers and systems as well as our custom capabilities for unique force applications.

We look forward to discussing your applications and continuing to provide accurate, rugged, and dependable force transducers.

COMPANY OVERVIEW

INTERNAL GAGING

Strainert transducers utilize a patented internal strain gage installation process where foil strain gages are bonded and sealed inside small holes along the neutral axis of the transducer. Along with the gages, all circuitry, wires, solder joints, cements, etc. are enclosed and protected inside the transducer metal body not to be disturbed by environment, rough installation, or years of demanding service. In addition, all transducer metals are high strength stainless steel or plated alloy metals with proven corrosion resistant properties.



Rugged & Dependable Packages

- All Components Internal to Host Material
- Survivable in Harsh Field Applications
- Durable for Rough Installation/Removal
- Wide Operational Temperature Ranges
- Hydrostatic/Submersible Applications Available

Accurate

- Stable Four-Arm-Active Bridge Positioned in Concentrated Strain Path
- Increased Insensitivity to Unwanted Bending, Torsion and Other Extraneous Loading Conditions Common in Force Measurement Applications
- Internal Gage Proximity Provides Increased Stability in The Presence of Sudden or Localized Environmental Changes.
- Self-Compensated Shear Transducers for Changing Pressure Conditions

