

GEDGE SYSTEMS - Since 1978 Australia's Leading Manufacturer of High Accuracy Weighing Electronics now bringing you Superior Quality Gedge Load Cells.

INSTALLING YOUR GK2126 LOAD CELL

- **WARNING** - take care in handling the low capacity load cells in the GK2126 series - dropping and rough handling will result in damage not covered by warranty.
- These load cells are designed primarily for tension applications but can be used in compression with well aligned loads. They should be mounted so they make up a tension/compression link subject only to tensile or compressive forces. Although they have good side load tolerance they are not intended to be subjected to bending, twisting or side loads.
- Use high tensile fixtures (rods or rod end bearings) & lock nuts having an operating safe load rating of at least the load cell's capacity.
- Rod ends or rods can be screwed into the load cell deeper than the thread depth if required but the thread end must not be screwed down onto the load cell body or damage will result. A lock nut should be used. In tensile applications the best method of "taking up any slack" in the threads is to pre-load them by loading the cell to 120% capacity and moderately tighten the lock nuts. When the load is removed the lock nuts will be sufficiently tight.
- Always react the tightening torque of the lock nuts at the same end of the cell as the lock nuts - as indicated below.

The Load Cell is mounted to the structure at this end.

*Mounting the cell this way ensures that the cable is not weighed as it is on the **FIXED** end of the cell.*

Hold this end of the load cell with a spanner when tightening fixtures at this end of the load cell.

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Item to be weighed should be at this end of the cell.

