

## INSTRON SET UP

### Check List for WELDING Lab

- ☐ Run Bluehill program.

Rate: 4mm/min

- ☐ See filename sheet for filename info.
- ☐ Mark lines 45 mm from each end.
- ☐ Measure specimen dimensions. (See sketch)
- ☐ Hold specimen next to grips.
- ☐ Jog crosshead to align grip face ends with drawn lines (45 mm).
- ☐ Slide specimen into both grips to contact backs of grips. (Do **NOT** tighten grips.)
- ☐ Align specimen vertically.
- ☐ Snug lower grip – minimum pressure.
- ☐ Keep specimen vertically aligned and contact back of the upper grip.
- ☐ Slightly tighten upper grip to give a load of 0.25kN *maximum*.
- ☐ Check the load indicator. (**Do NOT balance load.**)
- ☐ G.L. reset. (Extension Indicator = 0.00)
- ☐ Check set up.
- ☐ Start test.
- ☐ Press STOP when the specimen fractures *completely*.
- ☐ Remove specimen.
- ☐ Press RETURN.