

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.