

## Tolerance Standards

### **Precision Sheet Metal** – applies to material thickness $\leq$ to 14 gauge (.072")

- Holes Sizes  $\pm .005"$
- Hole-to-Hole  $\pm .005"$
- Hole-to-Edge  $\pm .010"$
- Edge-to-Edge  $\pm .010"$
- Hole-to-Form  $\pm .010"$
- Form-to-Form  $\pm .020"$
- Angular  $\pm 1.0^\circ$
- Form radius Material thickness maximum
- Form relief Material thickness minimum

### **Precision Heavy Gauge** – applies to material thickness 13 gauge (.090") and $\leq$ 10 gauge (.135")

- Holes Sizes  $\pm .005"$
- Hole-to-Hole  $\pm .007"$
- Hole-to-Edge  $\pm .015"$
- Edge-to-Edge  $\pm .010"$
- Hole-to-Form  $\pm .015"$
- Form-to-Form  $\pm .030"$
- Angular  $\pm 1.5^\circ$
- Form radius Material thickness maximum
- Form relief Material thickness minimum

### **Precision Heavy Gauge & Plate** – Material thickness $>$ 10 gauge (.135") and $\leq$ .250" thick

- Holes Sizes  $\pm .010"$
- Hole-to-Hole  $\pm .010"$
- Hole-to-Edge  $\pm .020"$
- Edge-to-Edge  $\pm .015"$
- Hole-to-Form  $\pm .030"$
- Form-to-Form  $\pm .050"$
- Angular  $\pm 2.0^\circ$
- Form radius Material thickness maximum
- Form relief Material thickness minimum