

## STANDARD TOLERANCES

### **Cross-Section Tolerances:**

*+/- .031" on fractional dimension*

*+/- .010" on decimal dimensions*

*+/- 1 degree on angular dimensions*

### **Straightness Tolerances: (bow and camber)**

*.015" maximum deviation per foot of length*

### **Twist Tolerance:**

*½-degree deviation per foot of length*

### **Part Length Tolerance:**

*+/- .015" on parts up to 36" long*

*+/- .030" on parts 36" to 96"*

*+/- .060" on parts 96" to 144"*

*(More on longer lengths)*

The above tolerances are a general guide. Closer than the above can be negotiated to meet a specific fit or assembly condition.

Closer tolerances require more inspection, lower production rates, higher scrap factors, and therefore, higher rolling costs.