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:
⅛-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.