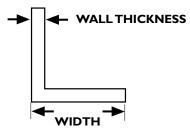


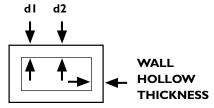
# Design Tolerance Guidelines

#### **Cross-Sectional Dimensions**



-Wall thickness should not vary by more than .004". -Widths should not vary by more than .010 per inch.

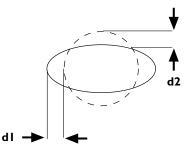
#### **Cross-Sectional Dimensions**



-Hollow wall thickness should not vary by more than .020".

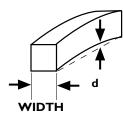
-Hollow wall taper should not vary by more than 1/2 of the wall thickness tolerance.

## **Out of Round**



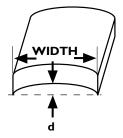
-d1 and d2 should not vary by more than  $\pm$  .005 around the diameter.





-d should not exceed .020 of an inch per foot of the length of the shape.

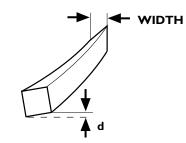
## **Straightness**



-d should not exceed .003 of an inch per inch of width across the shape.

Example: 3" wide x .003 = .009"

#### Twist



-d should not exceed .125 of an inch per 20 feet of length of the shape.



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