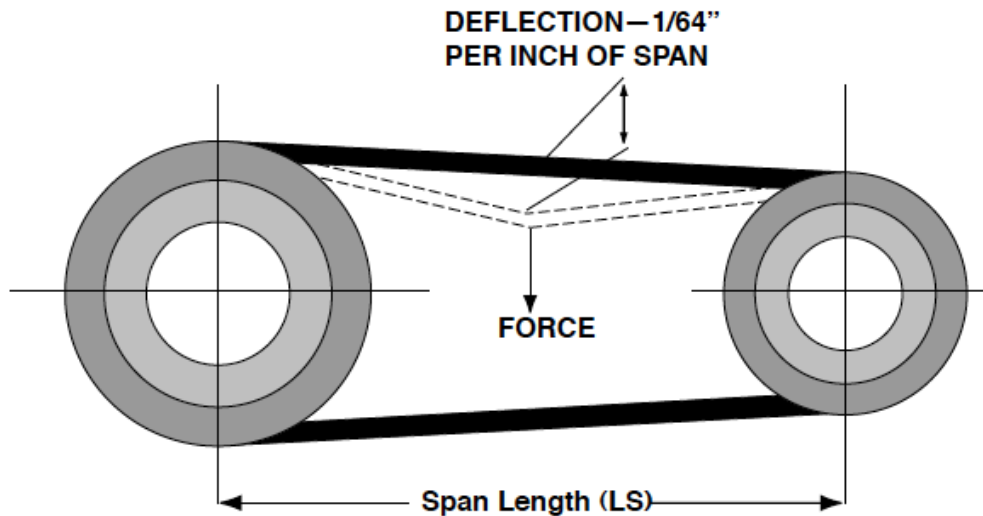## BELT TENSIONING

Step 1. Calculate the deflection amount (DA).

$$DA = \frac{LS}{64}$$

Where: DA = deflection amount (inches.)
LS = span length (inches.)

Step 2. At midspan, deflect the belt to the required deflection amount (DA) and record the force required.

DEFLECTION—1/64"
PER INCH OF SPAN

FORCE

Span Length (LS)

Step 3. Check force required for above deflection. Refer to table on Page 57 and if force is too high, reduce to the recommended level.

$$DA \text{ (inches)} = \frac{LS \text{ (inches)}}{64}$$