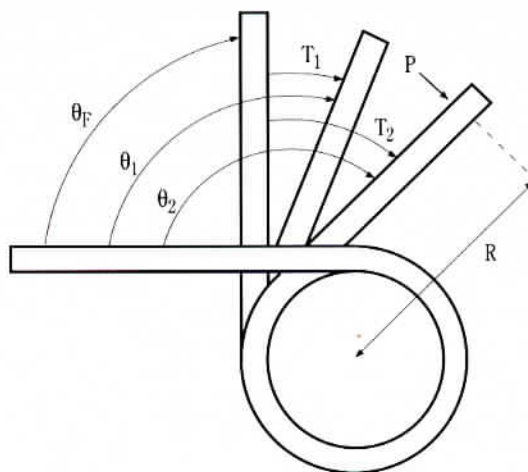
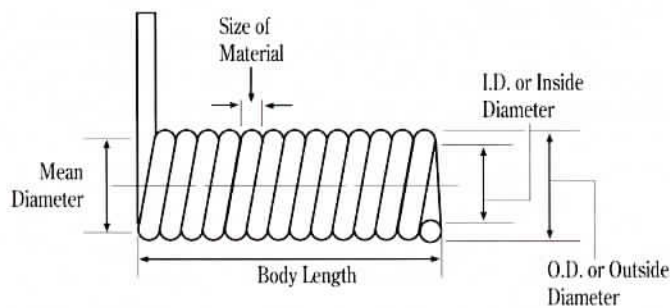


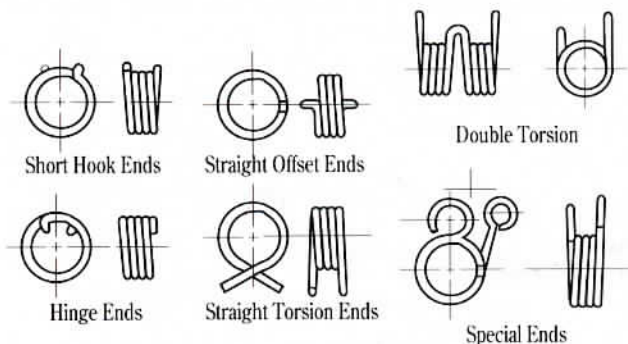
Torsion Springs—Specification Form



Mandatory Specifications

(fill in only those required)

- To work over _____ in. (mm) dia. shaft.
- OUTSIDE DIAMETER
 - _____ in. (mm) max. or
 - _____ in. (mm) \pm _____ in. (mm)
- INSIDE DIAMETER
 - _____ in. (mm) min. or
 - _____ in. (mm) \pm _____ in. (mm)
- Torque _____ lb. • in. (N • mm) \pm _____ lb. • in. (N • mm) at $\theta_1 =$ _____ $^\circ$.
 Torque _____ lb. • in. (N • mm) \pm _____ lb. • in. (N • mm) at $\theta_2 =$ _____ $^\circ$.
- Length of space available _____ in. (mm.)
- Maximum wound position _____ turns or _____ $^\circ$ from free position.
- Length of moment arm (R) _____ in. (mm)
- Direction of helix (L, R, or optional). _____
- Type of ends _____



Advisory Data

- Wire diameter _____ in. (mm)
- Mean coil diameter _____ in. (mm)
- No. of coils _____
- Rate _____ lb.-in. (N • mm) per turn (360 $^\circ$).
- $\theta_F =$ _____ $^\circ$ free angle reference

Special Information

- Type of material _____
- Finish _____
- Frequency of rotation, _____ cycles/sec, and working range, $\theta =$ _____ $^\circ$ to $\theta =$ _____ $^\circ$ deflection.
- Operating temp. _____ $^\circ$ F ($^\circ$ C)
- End use or application _____

- Other _____
