



MID-WEST SPRING & STAMPING

P.O. Box 337 - 105 Etna Street - Mentone, IN - 46539-0337

Ph (800) 424-0244 | Fx 574-353-7388

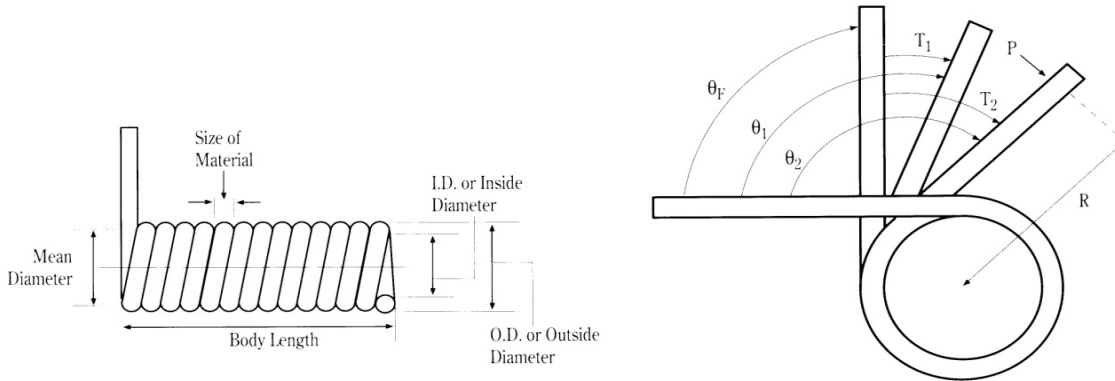
1935 East Laketon - Muskegon, MI 49442

Ph (800) 643-9781 | Fx 231- 777-2297

"Online RFQ"

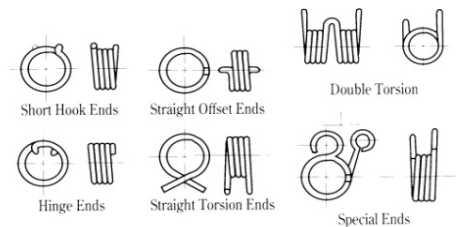
Your Company _____ Contact Name _____ Title _____
 Address _____ City _____ State _____ Zip _____
 Phone _____ Fax _____ Email _____
 Quantity(s) to Quote _____ P/N _____

Torsion Springs - Specification Form



Mandatory Specifications

1. To work over _____ in. (mm) dia. shaft.
2. OUTSIDE DIAMETER
 - a. _____ in. (mm) max. or
 - b. _____ in. (mm) \pm _____ in. (mm)
3. INSIDE DIAMETER
 - a. _____ in. (mm) min. or
 - b. _____ in. (mm) \pm _____ in. (mm)
4. Torque _____ lb. \cdot in. (N \cdot mm) \pm _____ lb. \cdot in. (N \cdot mm) at $\Theta_1 =$ _____
 Torque _____ lb. \cdot in. (N \cdot mm) \pm _____ lb. \cdot in. (N \cdot mm) at $\Theta_2 =$ _____
5. Length of space available _____ in. (mm)
6. Maximum wound position _____ turns or _____ degrees from free position.
7. Length of moment arm (R) _____ in. (mm)
8. Direction of helix Left, Right or Optional
9. Type of ends _____



Advisory Data

1. Wire Diameter _____ in. (mm)
2. Mean coil diameter _____ in. (mm)
3. Number of coils _____
4. Rate _____ lb. - (N \cdot mm) per turn (360°)
5. Θ_F _____ ° free angle reference

Special Information

1. Type of Material _____
2. Finish _____
3. Frequency of extension, _____ cycles/sec, and working range
 $\Theta =$ _____ ° to $\Theta =$ _____ ° deflection
4. Operating Temp (Fahrenheit) _____ °
5. End use or application _____

6. Other _____
