



& WIRE FORM CO.

**Master Spring and
Wire Form Co.**

1340 Ardmore Ave.
Itasca, IL 60143

Phone: 708-453-2570

Fax: 708-453-6420

Email: info@masterspring.com

TORSION SPRING SPECIFICATION CHECKLIST

You can use the following checklist to make sure you specify all critical aspects of your torsion spring.

HELICAL TORSION SPRING SPECIFICATION CHECKLIST

(Fill in required data only)

Material _____

Working Conditions:

To work in _____ mm(in.) diameter hole

To work over _____ mm(in.) diameter shaft

Torque _____ N mm(lb-in.), \pm _____ N mm(lb-in.)
when angle between ends is _____ degrees

Torque _____ N mm(lb-in.), \pm _____ N mm(lb-in.)
when angle between ends is _____ degrees

Axial space required _____ mm(in)

Direction of coil (right or left-hand) _____

Maximum wound position _____ revolutions or degrees

Reference Data:

Wire diameter _____ mm(in.)

Mean diameter _____ mm(in.)

Number of coils _____

Rate _____ N mm /revolution (lb-in./revolution)

Special Information:

Finish _____

Loading (cyclic, impact, static, other) _____

Required life _____ cycles

Required reliability _____

Operating deflection range _____ revolutions

Maximum operating temperature _____ °C(°F)

Operating environment _____