



**Master Spring and
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EXTENSION SPRING SPECIFICATION CHECKLIST

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

HELICAL EXTENSION SPRINGS SPECIFICATION CHECKLIST	
(Fill in required data only.)	
Material _____	Suggested Design Data:
Working Conditions:	Wire diameter _____ mm(in.)
Maximum outside diameter _____ mm(in.)	Outside diameter _____ mm(in.)
Initial tension _____ N(lbf)	Total number of coils _____
Load _____ N(lbf), _____	Free length inside ends _____ mm(in.)
at _____ length mm(in.)	Special Information:
Load _____ N(lbf), _____	Finish _____
at _____ length mm(in.)	Maximum operating temperature _____ °C(°F)
Impact Loading _____ m/sec (in./sec)	Operating environment _____
Rate _____ N/mm(lbf/in)	Frequency of Loading _____ hertz
Maximum extended length in service _____ mm(in.)	Required life _____ cycles
_____ mm(in.) during installation	Required Reliability _____
Direction of coil: right _____ left _____	
optional _____	
Type of ends _____	
Position of ends and tolerance _____	
Gap opening and tolerance _____ mm(in.)	