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& WIRE FORM CO.

COMPRESSION SPRING SPECIFICATION CHECKLIST

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

<p>COMPRESSION SPRING SPECIFICATION CHECKLIST (Fill in required data only)</p> <p>Material: _____</p> <p>Working Conditions:</p> <p>To work in _____ mm(in.) diameter hole</p> <p>To work over _____ mm(in.) diameter shaft</p> <p>Load _____ N (lbf), ± _____ N (lbf) at _____ mm(in.)</p> <p>Load _____ N (lbf), ± _____ N (lbf) at _____ mm(in.)</p> <p>Rate _____ N/mm (lbf/in.), ± _____ N/mm (lbf/in.) between _____ mm(in.) _____ and _____ mm(in.)</p> <p>Maximum solid height _____ mm(in.)</p> <p>Direction of coil (right-hand, left-hand or optional) _____</p> <p>Type of ends _____</p> <p>Allowable relaxation _____ % Hours/days _____</p> <p>Impact loading _____ mm/sec (in./sec)</p>	<p>Frequency of loading _____ Hz</p> <p>Required life _____ cycles.</p> <p>Required reliability (see Section 4) _____</p> <p>Special Information:</p> <p>Squareness _____ Parallelism _____</p> <p>Finish _____</p> <p>Maximum operating temperature _____ °C(°F)</p> <p>Operating environment _____</p> <p>Electrical/magnetic _____</p> <p>Design Data (Reference):</p> <p>Wire diameter _____ mm(in.)</p> <p>Outside diameter _____ mm(in.)</p> <p>Inside diameter _____ mm(in.)</p> <p>Free length _____ mm(in.)</p> <p>Total number of coils _____</p>
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