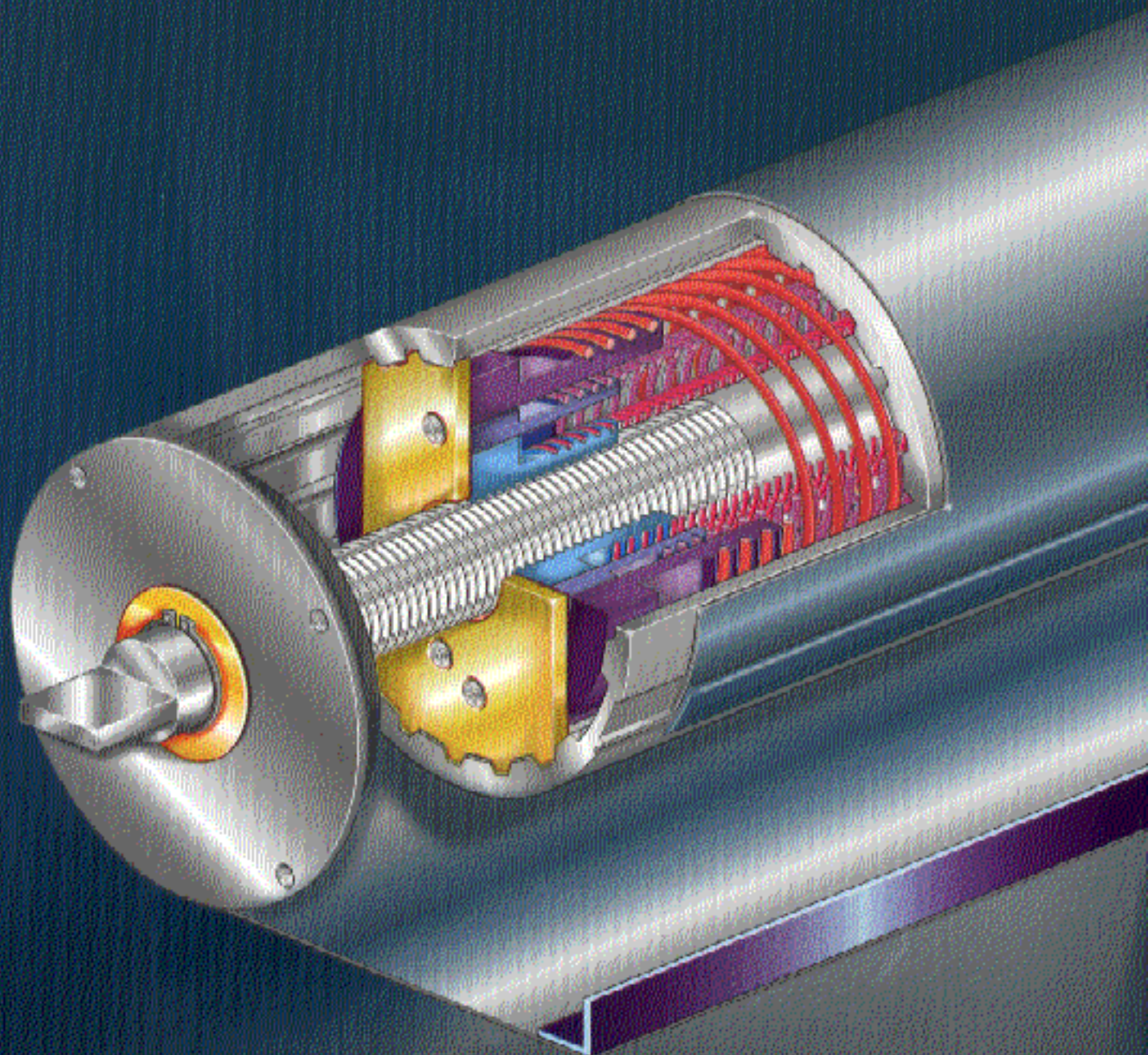


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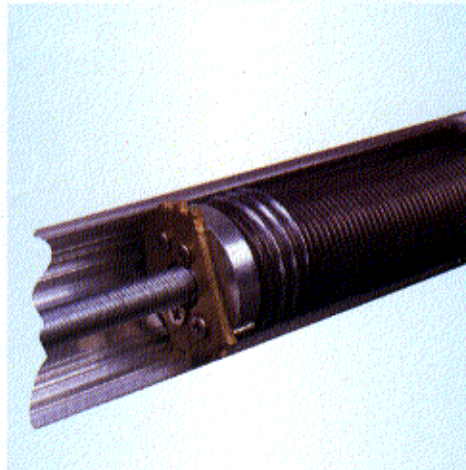
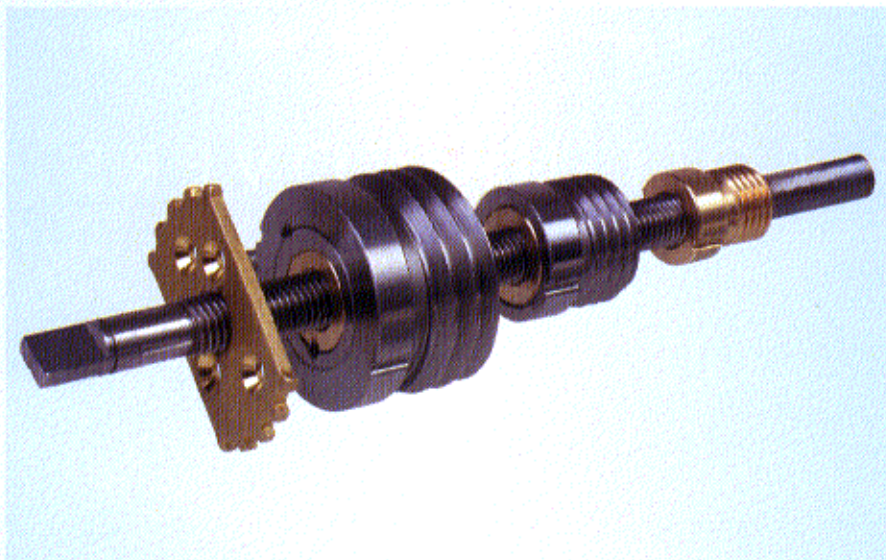
DESIGN FOR ROLL-UP COVERS



September '97



TECHNICAL DATA



INNOVATIVE FEATURES

With Sure-Spring™ design roll-up covers, the internal springs are maintained perfectly aligned and straight. The coils of the springs never tangle, twist, or intersect with each other. This significantly increases the life of the mechanism. The Sure-Spring™ design mechanism operates smoothly and consistently. For standard mechanisms, we guarantee at least 1,000,000 movements!

HOW IT WORKS

The Sure-Spring™ Mechanism has a threaded internal shaft with a moving end-plate. The end-plate is splined, allowing it to move axially as the spring winds and unwinds. This maintains the spring at the perfect length throughout the wind - unwind cycle. In contrast, traditional roll-ups anchor the spring to the internal shaft, causing the spring to twist and tangle on itself. The tangled spring often cause early fatigue failures. The innovative Sure-Spring™ roll-up cover is perfect for machine tools and industrial applications!

WORLD-WIDE PATENTS PENDING AND RECEIVED

MECHANICAL FASTENING OF BAND TO TUBE

We mechanically fasten the band to the tube without using adhesive, rivets, or screws. Adhesives often fail in harsh coolants or oils. Rivets and screws penetrate the tube and interfere with the internal spring mechanism. Our patent pending system for fixing the band is the most advanced and innovate method worldwide!



WORLD-WIDE PATENTS PENDING AND RECEIVED

Milwaukee Protective Covers, Inc.
3811 N. Holton Street - Milwaukee, WI 53212
Phone: 414-906-4000 - Fax: 414-906-4100
Toll-Free: 800-553-6331

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■ **Excellent For High Speeds**

■ **1,000,000 Movement Guarantee**

■ **Multiple Springs Remain Concentric**

■ **Springs Never Twist, Tangle, or Intersect**

■ **REDUCED DIAMETERS, even with long travel lengths**

■ **STRONG AND SURE attachment of the band**

■ **EASY MAINTENANCE.** The band can be easily replaced by the customer

■ **Works even with harsh coolants, chemicals or oils**

■ **ENVIRONMENTALLY SAFE.** System doesn't use solvent based adhesives

MPC warranty is for the value of our products only. MPC is not liable for incidental or consequential damages. Because of continuing innovation, specifications are subject to change. Customer must use safe design practices and verify all safety aspects of product usage. MPC makes no claims regarding merchantability or fitness for use.