



INDUSTRIAL SPRINGS PRODUCT REVIEW

Vulcan Spring is uniquely equipped to be your partner for custom spring solutions. Manufacturing to the exact specifications of designers and engineers, Vulcan provides extensive expertise, premium materials selection and leading edge manufacturing capabilities. In thousands of applications and millions of installations worldwide, **Vulcan Springs Work.**

CONSTANT FORCE SPRINGS



CONFORCE®

Conforce® springs offer high force output with very small space requirements, making them ideal for a wide variety of applications where constant force or torque is needed. Able to store power indefinitely when extended, Conforce springs provide long linear reach without force buildup. Variable force springs are also available.

CONTORQUE®

Contorque® springs provide high amounts of torque in a small package. Because of their unique design, Contorque springs allow numerous turns without a change in force. The smooth rolling action of Contorque springs is ideal for cable extensions, and provides an alternative to battery motors or dead weights.



MOTOR BRUSH SPRINGS

Whether single or twin brush springs are required, motor brush springs are the ideal method of ensuring consistent, dependable force on the brushes for electric motor commutators. Motor brush springs minimize brush wear for improved motor performance.



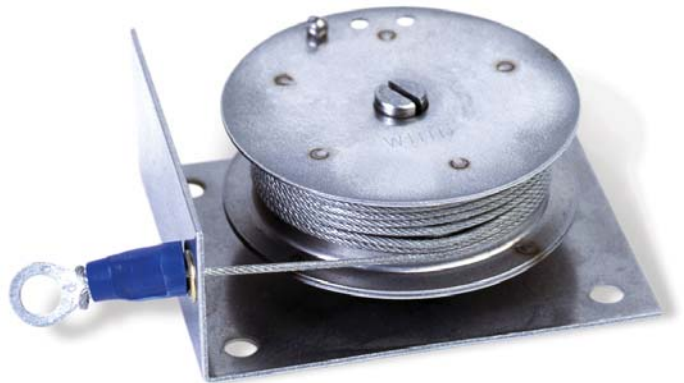
CONPOWER®/POWER SPRINGS

Conpower® prestressed power springs are reverse wound onto an arbor and enclosed in a case to create a compact power source. The unique construction produces a high number of turns with a low torque gradient. Conpower springs provide rotational energy from either the arbor or the case, or linear motion with the use of a pulley or cable. Vulcan also manufactures non-prestressed power springs.

MECHANICAL REELS

Mechanical reels provide power for applications requiring counterbalancing, retrieving, or returning.

In applications requiring long deflection, mechanical reels provide reliable force and high cycle life. Vulcan's mechanical reels are extremely rugged and designed for maximum life.



OTHER CUSTOM SPRINGS

From stampings and slot closers to wire forms, torsion springs, cross-curve snap tapes, and custom flat spring designs, Vulcan is equipped to meet all your spring needs.



Call 215-721-1721 or visit www.vulcanspring.com to design your custom spring solution.



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