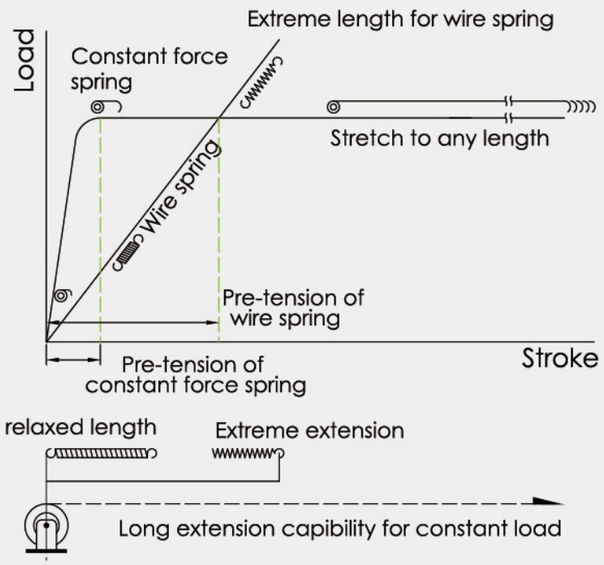
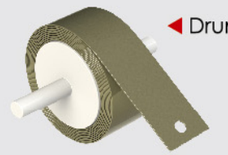


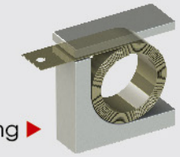

# CONSTANT FORCE SPRING

**Mounting Method**



◀ Drum Mounting

Cavity Mounting ▶



## Feature:

Constant force spring is made by winding the steel strip into a coil which exerts a nearly constant returning force to resist uncoiling.

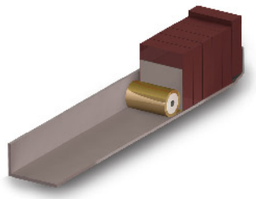
Constant force springs offer following advantages:

1. High force output with very small space requirements
2. To exert nearly constant force during entire extension.
3. Short initial pretension, it means that can afford the rated load at short extension.
4. Provides long extension capability

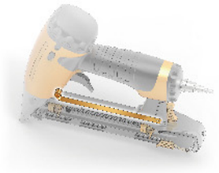
They are ideal for a wide variety of applications where constant force is needed, including applications requiring smooth returning and retrieving, counterbalancing applications, and tensioning and loading applications.

There are a number of different spring design possibilities for a given application, we strongly suggest you to consult with a Ming-Tai engineer early in the design phase.
We will create an optimized solution for your spring demand. Custom designs are available as well.

## Function+Applications



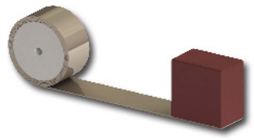
Tensioning & Loading



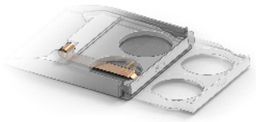
Nail Pusher of Nailers

Counterbalancing

High Adjustment for Monitors



Retrieving & Returning



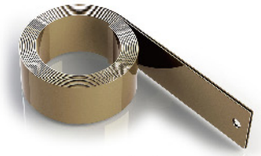
Cup Holder for Car Interior

## Multiply the Load

By multiplying the load, longer life and better load will be obtained in the smaller space

Tandem

Back to back



Laminated

## High Adjustment Application

## Retractable Application