











|   | Max. Wire Diameter                 |
|---|------------------------------------|
|  <b>Compression</b>           | .187"                              |
|  <b>Extension</b>             | .236"                              |
|  <b>Torsion</b>               | .236"                              |
|  <b>Double Torsion</b>        | .236"                              |
|  <b>Magazine</b>              | .195"                              |
|  <b>Drawbar</b>               | .195"                              |
|  <b>Wire Forms</b>           | .020"-.500"                        |
|  <b>Flat Springs</b>        | Email Print                        |
|  <b>Precision Stampings</b> | MIN .004 x .040<br>MAX .125 x .300 |
|  <b>Assembly</b>            | Email Print                        |



## Quality - Service - Delivery

- **Registered to ISO 9001:2015**
- **Certifications and PPAP's** are available upon request.
- **Excellent Service** sets us apart from the "norm"...why settle for less?
- **Free** cost reduction options
- **Design** collaboration with engineers to achieve goals and solve problems
- **Free** pre-production samples with production order
- **ASN's** sent per customer's request
- **Supplier Portal Management**
- **Bar coded** invoices, shipping manifests and labels
- **On Time** delivery



## Processes

- **Stress Relieving**
- **Assembly / Automation**
- **Swedging / Upsetting**
- **Color ID**
- **Riveting**
- **Fastening / Screwdriving**
- **Threading / Tapping**
- **Shot Peening**
- **Heat Treating**
- **Austempering**
- **Passivation**
- **Deburring**



## Finishes - RoHS Compliant

- **Zinc Plate**  
Clear | Bright | Yellow | Black | More colors...  
Seals can be added for Increased Salt Spray Testing
- **Black Oxide**  
Oil | Spin | Wax | Teflon | Chromatic Dip |  
Iridescent UV
- **Zinc Phos & Oil**  
Spin Dry | Wax | Teflon | Heavy Wax | Calcium  
Modified Iron Phosphate
- **Magnesium Phos & Oil**  
Spin Dry | Dry to Touch | Wax | Teflon | Heavy Wax
- **Nickel Plate**  
Clear | Bright | Yellow | Black | More colors...  
Seals added for Increased Salt Spray Testing
- **Tin Plate** Bright & Matte
- **E-coat** and more finishes | Please Inquire

### Typical Material Used in Manufacturing Our Products:

|                    |                       |
|--------------------|-----------------------|
| High Carbon        | High Strength Alloys  |
| Low Carbon         | Various Copper Alloys |
| Stainless          | Aluminum              |
| Non Ferrous Alloys | Nickel Alloys         |

