

## HOT WOUND COILED SPRINGS



Since 1908, Alco Spring Industries, Inc. has been a leader in manufacturing exceptional hot wound coiled springs. Now, proudly united under the renowned A. Stucki brand, we bring together decades of expertise and a commitment to quality that's unmatched.

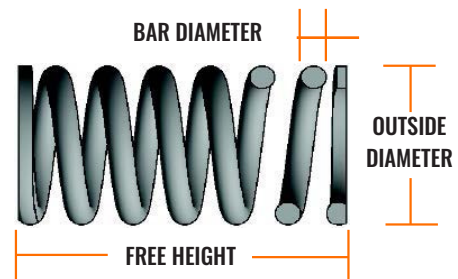
A. Stucki represents a legacy of innovation and customer satisfaction build on a foundation of excellence. We combine time-honored craftsmanship with cutting-edge technology to deliver superior hot wound coiled springs that meet the most demanding specifications.

**BAR DIAMETER: 5/8" UP TO 4"**

**FREE HEIGHT: UP TO 60"**

**OUTSIDE DIAMETER: 1.5" TO 26"**

**SPRING WEIGHT: 1 LB. TO 2000 LBS.**



**WE ARE COMMITTED TO CONTINUALLY IMPROVING AND  
EXPANDING OUR CAPABILITIES IN ORDER TO MEET YOUR NEEDS.**



### PRODUCTION

Integrated manufacturing lines are in continuous operation in our 150,000 sq. ft. facility. Production output, depending on the size and specifications of the springs, can vary from one spring up to hundreds of thousands of springs.



### QUALITY

We are a certified quality manufacturer that meets the quality control requirements of both the NAPM and the AAR as specified in M-1003 as well as being ISO 9001 certified. We are committed to providing you with the highest quality products and services and are committed to continuous improvement.



### CUSTOM DESIGNS

Our engineers are continually designing special springs for specific applications in a continuously growing market. Take advantage of our expertise and let us help you design and supply all of the springs you may need.



1238 Rev 6



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800.736.ALCO



**A. STUCKI**

# ALCO STANDARD SPRING DESIGN:

## 1. MATERIALS:

- 5160H Steel
- 4161H Steel

## 2. MANUFACTURING SPECIFICATIONS:

- ASTM A-125
- AAR M-114

## 3. LOAD TESTING:

- AQL 1 (sample plan)
- Free Height
- Squareness
- Load Heights
- Rate

## 4. PAINT:

- Clearcoat Waterbase
- Black Waterbase

## 5. IDENTIFICATION:

- Hot Stamp per standards under Manufacturing Specifications

## 6. GROUND ENDS:

- 2/3 Bearing per standards under Manufacturing Specifications

## 7. PACKAGING:

- Heat Treated Box/Pallet

## We welcome custom specifications including:

- Magnetic Particle Inspection (wet or dry)
- Custom Hot Stamps
- Lateral Testing
- 3/4 Bearing
- 51B60H Steel
- Test Reports
- Powder Coating

