



# COMMITTED

To The Industry



AMERICAN SPRING WIRE CORP.



TOYOTA



ARCTIC CAT®



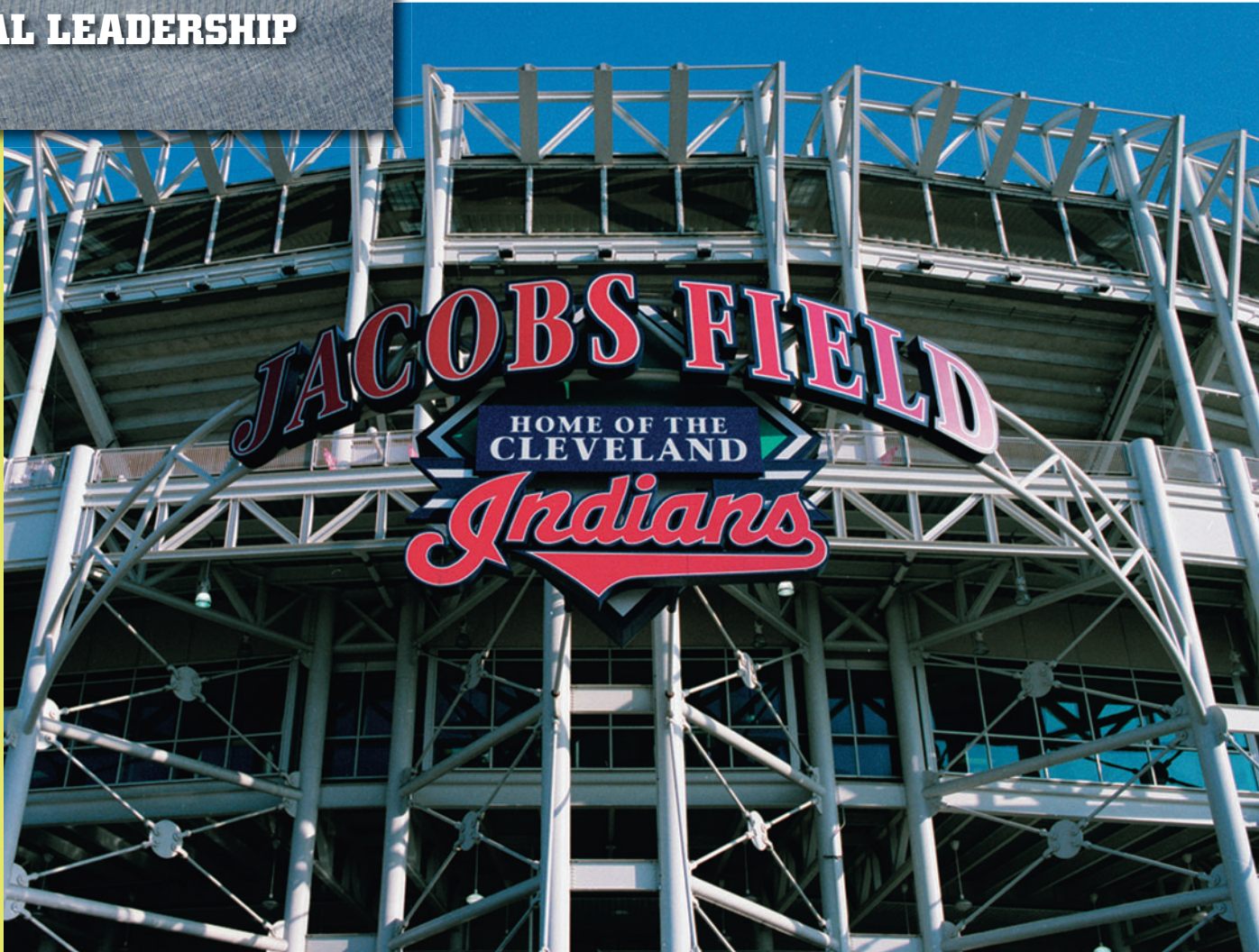
HONDA



CATERPILLAR®



COMMITTED TO  
GLOBAL LEADERSHIP



### **Committed to Global Leadership**

At American Spring Wire, we're proud to be the nation's largest manufacturer of valve spring and commercial quality grade wire. But there's more to the ASW story. At our core, we're an American company committed to helping build a global industry.

Since 1968, we've built our reputation on uncompromising quality. Our customers rely on it. In fact, ASW is one of the few companies in the world capable of manufacturing wire for heavy-duty and light vehicle engine valve springs. You'll find that ASW valve spring and commercial quality wire are used by some of the most recognizable and respected companies in the automotive, agricultural equipment, and appliance industries; tried and trusted brands like General Motors, Ford, Chrysler, BMW, Volvo, Caterpillar, John Deere, Cummins, Briggs and Stratton, Whirlpool and General Electric.



**I-20/Rt 59  
REPLACEMENT BRIDGE,  
BIRMINGHAM, AL  
Emergency 24/7  
Abutment Repair**

**In partnership with ASW, the longest span of bridge in Alabama was completed in record time. Pre-stressed concrete was the material of choice because of availability, fire resistance and traffic-safe design specifications.**

### **Committed to Meet the Challenge — Today and Tomorrow**

In addition to spring wire, ASW has become the trusted name in PC Strand, an industry where the utmost in quality assurance is a must. ASW has become the supplier of choice for some of the nation's most notable pre-stressed and post-tensioned concrete construction applications — from countless buildings, industrial structures and parking decks to stadiums including Jacob's Field and Minute Maid Park. ASW plays an important part in constructing bridges including Pennsylvania's Loysburg Bypass and Treichler's Bridge, and emergency repair for Alabama's I-20 Bridge and I-65 Bridge.

We're committed to high-tech equipment and leading technologies. In recent years, ASW has invested millions on capital improvements including a sophisticated tooling division and industry-leading technical training for management and staff. We've also significantly enhanced and upgraded our wire drawing and die making, oil tempering, induction tempering and surface shaving equipment.

We have a reputation in the industry for aggressively seeking out only the best equipment available in the world market to assure our customers a first-rate line product. That's why ASW's proprietary combination of innovative heat-treating and process-finishing techniques creates wire with superior microstructures and surface characteristics.

At ASW, we're dedicated to keeping our quality standards and operating procedures among the highest in the industry in order to assure our customers that the wire we produce will perform to their expectations — even in the most challenging applications.



**COMMITTED TO  
EXACTING QUALITY**

### Committed to Exacting Quality

Quality has always been the cornerstone of ASW's competitive position. You'll find that our Quality Management System is registered with NSF-ISR, Ltd., and all of our manufacturing processes are ISO 9001:2000 compliant. Quality assurance is a constant process at ASW – we continuously monitor every production operation and insist that all of our manufacturing employees are trained in advanced process control techniques.



#### ELECTRONIC SURFACE INSPECTION

ASW's proprietary electronic surface inspection systems include eddy-current testing at finish. This universal system is capable of testing flat wire defects to 0.004" (100 microns) and round wire to 0.0015" (40 microns). A rotating probe checks for longitudinal defects and a stationary encircling coil checks for point defects.

#### TENSILE TESTING

Routine tensile testing ensures that all finished material is compliant with customer specifications.



At ASW, we understand that our customers' products are only as good as the sum of their parts. Our continual improvement policy ensures product performance – dependable performance that will often be backed by product warranties in consumer markets. In industrial markets, lives can depend on it.



**COMMITTED TO  
INNOVATION**





### **Committed to Innovation**

The ASW story is one of ongoing innovation. Our investment in advanced technologies has allowed us to enhance our research and development capabilities, maximize our integrated manufacturing processes, upgrade quality assurance monitoring and promote intensive employee training.

A recent ASW innovation has been the development of a tight, uniform oxide scale on high tensile wire. Our customers were having spring coiling difficulties due to higher tensile strength values needed for today's higher stressed springs. This grade of steel generates a lot of friction and heat at the coiling points, causing poor spring coil-ability. The ASW solution was to develop and build a new tempering furnace – with proprietary surface oxide scale control. This improved oxide scale has helped our customers achieve improved coiling speeds with less scrap.

The ASW story is one of ongoing innovation.



**COMMITTED TO  
CUSTOMER SERVICE**





**We listen. We cooperate. We respond.**  
It's been our philosophy from the beginning.

### **Committed to Customer Service**

At ASW, we make it our business to understand the needs of our customers and employ proven methods to meet their expectations. We listen. We cooperate. We respond. It's been our philosophy of a working partnership from the very beginning – a tradition that sets us apart from the competition and works to give our customers a definite competitive edge. It's the same philosophy we carry through in each ASW workplace environment. We recruit and support some of the best minds in the business. We involve our employees in continuous improvement and invest in the latest technological training. We're proud of our committed workforce. After all, they are a vital part of the quality assurance equation that keeps our standards among the highest in the industry.

By cultivating key relationships with our suppliers, we've been able to be responsive when it counts most. In fact, we've been able to assure our customers their full orders, even during scarcity, when allocation was the industry standard.

Because our customers rely on us as more than a raw material source, ASW maintains an in-house Tech Services Lab that includes the latest comprehensive testing and evaluation equipment. Our Technical Services staff is expert at analyzing steel chemistries, tensile strengths, lubricity, and surface quality and preparation.

We work closely with our customers, so that we are able to help troubleshoot. At ASW, we offer in-house custom tooling and special packaging solutions. We've also invested in needed expansion to meet customer demand. We're committed to being not only a resource supplier, but a valuable partner.

#### **CUSTOMER SERVICE – HOW WE RATE**

**Our customer feedback is the best judge of our service. That's why we're proud to consistently report the highest scores in eight categories including product quality, pricing, delivery and tech services.**





**COMMITTED TO  
YOUR SUCCESS**





### **Committed to Your Success**

At ASW, we know that our success story is the product of our customers' collective success stories. It is that philosophy that launched ASW and the tradition that has helped us grow and thrive, becoming the nation's leading valve and spring wire manufacturer. While ours is a story of investing in advanced technology, high tech monitoring and continuous improvement, one thing will remain the same – our commitment to your success.



### **DRIVEN TO BE THE BEST**

We've established a reputation as the leading partner-supplier of valve spring wire to the world-renowned European premium car segment. Built on a solid foundation of uncompromising product quality, expert technical support and outstanding customer services, these long-term relationships have led to mutual OEM success.

### **STRATEGICALLY LOCATED TO BETTER SERVE YOU**

With locations in the Midwest, Southwest and Central United States, our offices and plants are strategically located in order to most responsively supply our customers.

### **AMERICAN SPRING WIRE CORPORATION PLANT LOCATIONS**

**Bedford Heights  
Production Facilities**  
26300 Miles Road  
Bedford Heights, Ohio 44146  
U.S.A.

**Kankakee  
Production Facilities**  
1775 American Way  
Kankakee, Illinois 60901  
U.S.A.

**Houston  
Production Facilities**  
11020 Tanner Road  
Houston, Texas 77041  
U.S.A.

**European Sales Office**  
Moltkestrasse 57  
D-40477 Dusseldorf  
Germany

Our success story is the product of our customers' collective success stories.



**AMERICAN SPRING WIRE CORP.**

26300 Miles Road, Bedford Heights, OH 44146 • 800.683.9473 • Fax 216.292.4444 • [www.americanspringwire.com](http://www.americanspringwire.com)