

## Mechanical Applications



SOLUTIONS FOR THE METALS INDUSTRY

### TUBULAR AND BAR PRODUCT EXPERTS

AARIS-LLC specializes in providing High Quality, Globally Produced Tubular and Bar Products for use in diverse applications such as Fluid Power, Power Generation, OCTG, Mobile Equipment, and various Structural Applications.

We provide a full range of tubular and bar products supported by our in-house logistics management team. This allows AARIS to offer one stop solutions for a variety of tubular and chrome bar needs.

Our approach is to acquire an in-depth understanding of a target application, product specifications, and business environment. We employ our team of experienced technical professionals with over 100 years of combined tubular industry knowledge to develop the best solutions for your requirements.

We strive to improve our processes, resources, and systems to enable AARIS to deliver exceptional value to our clients.

### HIGHLIGHTS

- In-depth knowledge of engineering, products and applications
- Strong relationships with manufacturers worldwide with registered quality systems (QS 9001, TS16949)
- Global Supply Chain Management and Logistics expertise
- Competitive lead-times



## Mechanical Applications

AARIS LLC is your source for a wide variety of tubular products used in mechanical applications, serving industries such as:

- Agriculture
- Heavy Trucking and Equipment
- Automotive
- Appliance
- Recreational Vehicles
- Hydraulic Cylinders
- Mining
- Nuclear
- Marine
- Food Service
- Petrochemical
- Pumps/Valves
- Sporting Goods
- Aerospace
- Energy

### Products we offer that cater to these applications:

#### Tube- Seamless Hot Finished

**Specifications:** ASTM A519, DIN 2391, EN10305  
**Grades:** 1010, 1018, 1020, 1026, 1035, 1040, 4130, 4140, 8620, 52100  
**Size Range:** 2.875"-30.000" OD up to 4.000" wall

#### Tube- Seamless Cold Drawn

**Specifications:** ASTM A519, DIN 2391, EN 10305  
**Grades:** 1020, 1026, 1035, 1040, 4130, 4140, 8620  
**Size Range:** 0.500"-18.000" OD up to 2.000" wall

#### Tube- Welded Drawn-Over-Mandrel

**Specifications:** ASTM A513 T5, T6 (SSID), DIN 2393, EN10305  
**Grades:** 1010, 1018, 1020, 1026, ST 52  
**Size Range:** 0.375"-6.000" OD up to 0.250" wall

#### Tube- Welded Hydraulic

**Specifications:** ASTM A214, SAE J525, PED  
**Grades:** 1008, 1010  
**Size Range:** 0.312"-2.500" OD up to 0.134" wall

#### Tube- Seamless Hydraulic

**Specifications:** ASTM A179, SAE J524, PED  
**Grades:** 1008, 1010, 1018  
**Size Range:** 0.125"-2.500" OD up to 0.134" wall

#### Tube- Seamless Stainless Steel

**Specifications:** ASTM A 269, A213  
**Grades:** 304/ 304L, 316/ 316L  
**Size Range:** 0.250"-2.000" OD up to 0.125" wall

#### Tube- Seamless Aluminum

**Specifications:** ASTM B210, B241  
**Grades:** 6061, 6063  
**Size Range:** 0.125"-4.000" OD up to 0.500" wall

#### Pipe- Seamless Steel

**Specifications:** ASTM A 106, ASME SA106, PED  
**Grades:** B, C, X42-70  
**Size Range:** NPS ¼"-26" all schedules

#### Pipe- Welded Stainless

**Specifications:** A312, PED  
**Grades:** 304/304L, 316/316L  
**Size Range:** NPS 1/8"-10" all schedules

#### Bar- Chrome Plated

**Specifications:** 0.001" Cr, 50/ 75/ 100 KSI, IHCP, Q&T  
**Grades:** 1045, 1045V, 4130, 4340  
**Size Range:** 0.500"-4.000"

For Products, Sizes and Grades Not Listed — Please Inquire