

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