Carbon Steel Alloys
Full line includes low, medium and high carbon steels, gouging and chamfering.
- Arc electrodes for cutting and gouging
- Hydrogen controlled electrodes
- Superior crack resistance on alloy steels
- All-position
- Fully machinable

Tool Steels
A broad selection of tool steel alloys for almost any tool steel. Designed for optimal wear in the tool and die industry.
- Crack resistant
- Offered in stick, TIG and MIG
- For high speed, hot work, air hard and mold steels

Alloy Steels
The ultimate heat-treatable welding alloys. These versatile alloys can be used on 400 series martensitic stainless steels, P-mold steels and most chrome-moly alloy steel.
- Produce smooth, dense, porosity and crack-free deposits
- Heat-treatable alloy for repair of chrome-moly, martensitic and mold steels

Cast Iron Alloys
Overcome welding problems with virtually any type of weldable cast iron.
- High-strength
- All-position and easy slag release
- Pass-over-pass without removing slag for hard-to-reach areas
- Fully machinable deposits
- Welds cast iron to any type of steel

Stainless Steel & Nickel Alloys
Products are designed for welding and cladding Inconel® and stainless steels.
- Full line of stainless steel for low and high alloy stainless steels
- Vertical-down alloys available
- Low carbon and low residual elements improve cracking and corrosion resistance
- Inconel® grades for temperature resistance up to 2,000°F (1,093°C)
Aluminum, Titanium, Copper & Brass Alloys
Ideal line for joining non-ferrous metals such as copper, brass or bronze to steel, stainless steel or cast iron. Highly versatile alloys for all weldable types of aluminum, including sheet, forgings, extrusions and castings.

- Filler alloys available in ARC, TIG and MIG
- Repair all common aluminum alloys including heat-treatable grades
- Copper-based alloys for welding brass, bronze and combinations of most dissimilar metals

Dissimilar Steels
All-position alloys for joining all types of steels and dissimilar steels.
- Broken bolt removal kit available
- High strength and elongation provide strong, crack-free welds
- Outstanding operability
- Welds on any polarity and works with all types of welding machines

Brazing & Soldering
Complete line of brazing alloys including silver, cast iron, aluminum, copper and brass brazing. Solder products also available for low temperature repairs.
- Extra high strength
- Easy flowing
- Self-fluxing copper alloys for plumbing and HVAC
- Cadmium-free silver alloys
- Selection of brazing alloys for everything from sheet metal to gear tooth build-up
- Full line of fluxes available

Hardfacing Alloys
Designed to maximize equipment service life including alloys resistant to abrasion, impact, metal-to-metal wear, erosion and corrosion.
- Complete line available in stick, tubular, brazing and flux cored wires
- Products minimize dilution and maximize wear life
- All-position operability

Plate, Preforms & Pipe
Carbide bearing overlay plate designed for high abrasion resistance in low to moderate impact situations.
- Dimension 1 is available in full sheets, custom-cut fabricated parts and pipe
- High chrome carbide content provides maximum wear resistance
- Smooth surface for applications where close tolerances are necessary
- Certawear 201 heat-treated tiles provide maximum impact resistance

Welding Alloys
Welding Related Chemicals & Spray Powders
Our specialty welding-related chemicals cover a variety of uses like cleaning and protecting base metal prior to welding.

- Non-chlorinated metal cleaners
- Heat sink compounds
- Metallic surface protectors: rust converter, zinc compound and stainless steel coating
- Anti-spatter & nozzle dip gel for MIG welding
- Full complement of hot and cold spray metallizing powders

Flashback Arrestors, Regulators and Torches
Flashback arrestors are designed to protect people and equipment from flashbacks and reverse flow related explosions.

- Check valves
- Various torch sets
- Two-stage regulators for oxygen and acetylene
- Flowmeters
- Replacement tips

Process Products & Related Equipment
Broad selection of process products that include Cronatron’s Oxy-Therm™ cutting system. Cuts, gouges and pierces virtually any material including all metals and thin concrete. It is excellent for frozen pin and bushing removal.

- MIG and TIG consumable replacement parts
- Portable welders
- Protective shields and blankets

Welding Accessories
We carry a variety of welding accessories including a line of 4-in-1 clamps.

- Maximum versatility clamps and jigs
- Wide variety of weld tools
- Ground clamps including spring loaded, magnetic and swivel
- Electro-Flex™ welding cable and oxy-acetylene hoses and fittings

Protective Outerwear and Accessories
Our welding protective outerwear line provides the necessary safety protection when needed.

- Solar powered auto-darkening welding helmets and related accessories
- Full line of safety eyewear, shaded safety glasses and flip-down face shields
- Leather and flame-resistant jackets, aprons, blankets and screens
- Complete glove selection for all welding processes including ARC, MIG, TIG, oxy-acetylene and plasma
Lawson’s Cronatron and Certanium® branded products are the premier maintenance welding consumables on the market. They are designed and formulated to provide the superior fluxing and mechanical properties required to stand up to the rigors of various maintenance welding situations.

Unlike production welding, maintenance welding typically encounters many uncontrolled variables, including:

- Unknown base metal conditions
- Dirt, rust and grease-soaked work pieces
- Joining dissimilar materials
- Hard-to-reach and out-of-position repair sites
- Time constraints

### Superior Products
Lawson’s Cronatron and Certanium® products meet or exceed all AWS requirements. They are formulated to provide superior fluxing to reduce inclusions and porosity. They also have better mechanical properties for greater elongation and tensile strength. All of which give you an advantage when making welding maintenance repairs because you are more effectively able to combat rust, oil, grease and hard-to-reach positions.

### Engineering and Technical Expertise at Your Finger Tips
Our in-house engineering and technical team has the experience and expertise to understand your welding maintenance challenges. The team is available by phone when you need assistance with product selection for an application or to suggest the best welding procedures to solve your problem.

### Smarter Maintenance Solutions
In addition to problem solving, your Lawson Sales Agent can help you manage your inventory:

- Improving organization by designing a complete, customized storage and inventory system for all your maintenance supply needs
- Saving you time by regularly checking and managing your inventory
- Reducing costs and downtime by making sure you have the right amount of the product on hand when you need it

Technical Support
1.866.LAWSON4U
(1.866.529.7664)
A Complete Line of Welding and Metal Repair Products

WELDING ALLOYS
Alloy Steels
  Nickel Chrome-Moly
  Chrome-Moly Steel
  300 series Stainless Steels
  & Dissimilar Steels
  Aluminum
Carbon Steel
  Low, Medium, & High Cutting & Gouging
  Cast Iron
Copper, Brass & Bronze
  Pure COPPERS
  Bronze
  Aluminum Bronze
  Dissimilars
Dissimilar Steels
  Broken Stud Removal Assortment
Stainless Steels
  and Nickel Alloys
  Austenitic
  Martensitic
  Dissimilar Steels
  Nickel
  Duplex
  Specialty Alloys
  Titanium
  Tool Steels

HARDFACING
  Build-up
  High Abrasion, Low Impact
  High Abrasion, Moderate Impact
  High Impact, Low Abrasion
  Moderate Abrasion, Moderate Impact
  Specialty Wear

WEARPLATE
  Discs & Tiles
  Plate, Pipe & Elbows
  Custom Fabrication & Assemblies

BRAZING
  Aluminum
  Cast Iron
  Copper & Brass
  Fluxes for Brazing & Soldering
  Silver
  Soldering Alloys & Accessories

SPRAY POWDERS AND SYSTEMS
  Hot Spray
  Cold Spray
  Torches & Tips Assortments

PROCESS PRODUCTS
  Welding Helmets & Accessories
  Faceshields & Hand shields
  Protective Clothing
  Gloves
  Welding Screens, Blankets & Sheets
  Welding Related Chemicals
  Heat Sink Compound
  MIG Welding Process Products
  Portable Welders
  MIG Consumable Replacement Parts & Accessories
  TIG Torches & Accessories
  Welding Cable & Accessories
  Oxy-Fuel Equipment
  Flashback Arrestors
  Flowmeters & Regulators
  Oxy-Therm Cutting Systems & Rods
  Air Carbon electrodes
  Welding Hose & Connectors
  Tungsten Electrodes

ABRASIVES
  CLAMPS
    Ground Clamps
    4-in-1 Utility Sliding Arm Clamp
    2- and 3 Axis Welders Angle Clamps
    C-Clamps

  RESPIRATORS

  STORAGE EQUIPMENT

Smarter Maintenance™

Inventory Management
• On-site management of MRO inventory to keep your operations running
• Regular inventory analysis and replenishment to prevent unnecessary purchases and unplanned downtime
• Customized storage systems for improved organization and more efficient workflow

Technical Expertise
• Local agents to analyze your application and recommend solutions that meet your performance requirements
• Industry-leading product technical support when you need it at 1.866.LAWSON4U
• Application engineering specialists to provide on-site problem solving and safety training

Quality Engineered Products
• Comprehensive line of more than 80,000 products, for critical applications to everyday maintenance
• Lot control traceability and certification
• Guaranteed product satisfaction

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