DURAWELD

Lasting Strength in Every Weld.

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| www.duraforgeintl.com

DURAWELD

Lasting Strength in Every Weld.



WELDING ELECTRODES

Built for Stronger Welds

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WHO
ARE WE?

DURAWELD is a premier manufacturer and global supplier of high-performance welding electrodes. Built on a foundation of engineering excellence, we specialize in delivering welding solutions that combine extreme durability with seamless performance.

Every **DURAWELD** product is crafted using high-grade materials and cutting-edge metallurgical processes, ensuring that we don't just meet international standards—we set them. Our electrodes are designed to provide superior arc stability and maximum weld strength, fulfilling our promise of **"lasting strength in every weld."**

With a strong focus on export quality, we proudly serve diverse industries across the globe—from heavy-duty construction and automotive manufacturing to intricate industrial fabrication. Our commitment to innovation and performance makes us the preferred partner for projects where safety and reliability are non-negotiable.

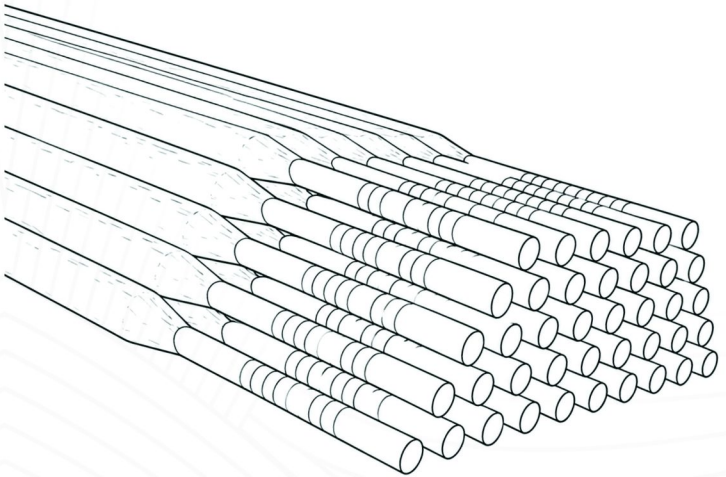
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OUR MISSION

To become a global benchmark in the welding industry by consistently delivering innovative, sustainable, and high-strength products that empower our customers to build the future.

OUR VISION

To provide world-class welding electrodes that guarantee maximum safety and operational efficiency. We strive for continuous improvement in our manufacturing processes to ensure every project—large or small—benefits from unparalleled precision.



SUPERIOR STRENGTH IN EVERY WELDING ROD



WHY CHOOSE DURAWELD ?

- **PREMIUM QUALITY :**
  Engineered with superior-grade raw materials to ensure enhanced lifespan and peak performance under pressure.

- **MAXIMUM WELD STRENGTH :**
  Delivers high tensile strength, making it the reliable choice for heavy-duty tasks and harsh industrial environments.

- **VERSATILE APPLICATION :**
  A multi-purpose solution ideal for welding carbon steel, mild steel.

- **SEAMLESS HANDLING :**
  Designed for smooth arc strikes and a stable arc, resulting in minimal spatter and a cleaner work environment.

- **ADVANCED CORROSION RESISTANCE :**
  Our electrodes are chemically engineered to resist oxidation, ensuring the longevity of your structures in challenging conditions.

- **CONSISTENT PRECISION :**
  Every rod is crafted for uniform heat distribution, guaranteeing clean, precise, and professional-grade welds every time.

APPLICATIONS

The **E-6013** electrode is widely utilized in structural and construction projects, including buildings and heavy frameworks. It is ideal for fabricating automobile bodies, railway wagon grilles, and various general-purpose fabrication tasks. Additionally, it is extensively used in the assembly of storage tanks, pipelines, and vessels. Its versatility makes it suitable for welding components in bridges, ships, and trailers, ensuring durability and reliability in diverse industries.

CHARACTERISTICS ON USAGE

This medium-coated, all-position electrode is designed for structural applications, offering balanced penetration, stable arc, and minimal spatter. It ensures easy slag removal and reliable performance on both AC and DC currents, making it ideal for a wide range of critical fabrication tasks.

NOTES ON USAGE

1) Dry electrode at 70-100 °C for 30-60 minutes before use.
2) Pay attention not to exceed the range of proper current.

CHEMICAL COMPOSITION OF WELD METAL

C%	Mn %	Si %	S%	P
0.20 Max	1.20 Max	1.0 Max	0.040 Max	0.040 Max

MECHANICAL PROPERTIES OF WELD METAL

U.T.S. (N/MM)	Y.S. (N/MM²)	ELONGATION (L=4d)%	IMPACT (CVN) AT 0° C
450 Min	350 Min	22% Min	47 Joules Min

PACKING AND WELDING CURRENT

SIZE (mm)	PRODUCT CODE	PIECES/PACKET	PIECES/BOX	CURRENT (Amps)
2.50 x 350	DRWLD60132535O	135	1080	60 – 90
3.15 x 350	DRWLD601331535O	90	720	100 – 140
4.00 x 450	DRWLD6013445O	60	480	140 – 180

DURAWELD
Lasting Strength in Every Weld

The Backbone Of Strong Structures.

At **DURAWELD,** we deliver welding electrodes engineered for strength, consistency, and dependable performance. Designed to meet industrial standards, our products ensure smooth welding, superior bonding, and lasting durability across every application.

Whether it's fabrication, construction, or heavy engineering – DURAWELD stands beside professionals who build with confidence.

Reliable Quality Trusted Performance.

