

The **E308H Welding Electrodes** offered by **Metals And Welding Specialities** are premium-quality stainless steel electrodes designed for superior welding performance and long-lasting results. Classified under the **AWS A5.4 E308H** specification, these electrodes are engineered to deliver excellent weld metal strength, corrosion resistance, and heat stability. With a precise chemical composition that includes a higher carbon content than standard 308 electrodes, they ensure outstanding creep resistance and mechanical integrity at elevated temperatures. The **UNS S30809** designation and **ASTM A182 Grade F308H** classification make this electrode a trusted choice for industrial applications where both durability and precision are critical.



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Manufactured with a high-quality rutile coating, **E308H coated electrodes** provide a smooth, stable arc and minimal spatter, making them ideal for manual welding processes. The electrodes produce a finely rippled, smooth bead surface that is easy to clean, while the slag removal is effortless, increasing overall productivity. The combination of superior arc stability and controlled penetration allows welders to achieve high-quality joints even on complex structures and in difficult positions. These

characteristics make the product an essential consumable for industries demanding high-performance stainless steel welding solutions.



E308H Welding Electrodes, E308H Welding Electrodes Manufacturers, E308H Welding Electrodes Suppliers, E308H Welding Electrodes Stockists, E308H Welding Electrodes Exporters

Designed for welding of **304H stainless steel** and similar alloys, the **E308H welding electrodes** are extensively used in pressure vessels, petrochemical plants, heat exchangers, boilers, and piping systems that operate under high heat and pressure. Their enhanced resistance to intergranular corrosion makes them particularly suitable for fabrication in environments exposed to elevated temperatures, such as refinery units and furnace parts. The deposited weld metal retains its strength and ductility even after prolonged exposure to heat, ensuring reliability in high-stress operations.

At **Metals And Welding Specialities**, each batch of **E308H Welding Electrodes** undergoes rigorous testing to meet international standards of performance and consistency. With precise moisture control and excellent coating adhesion, these electrodes guarantee smooth ignition, uniform deposition, and strong metallurgical bonding. Whether used for maintenance, fabrication, or repair work, E308H electrodes deliver the quality and performance expected from a premium welding product.



E308H Welding Electrodes in India, E308H Welding Electrodes Manufacturers in India, E308H Welding Electrodes Suppliers in India, E308H Welding Electrodes Stockists in India, E308H Welding Electrodes Exporters in India

Our electrodes are designed not only for strength but also for ease of use. Welders appreciate their excellent operability across different welding positions, stable arc characteristics, and superior bead appearance. Whether it's repairing stainless steel equipment or fabricating new components, **Metals And Welding Specialities' E308H Welding Electrodes** deliver consistent and efficient results every time.

The universal standard name for this electrode, **ISO 3581-A E19 9H R**, ensures full compliance with global welding standards, giving engineers and fabricators complete confidence in its application. When consistency, weldability, and resistance to corrosion and heat are crucial, **Metals And Welding Specialities** provides the trusted solution with its reliable range of stainless steel electrodes, led by the superior **E308H Welding Electrodes**.

### Specification E308H Welding Electrodes



Classification	AWS A5.4, E308H
Form	Welding Electrode, Welding Rods
Type Of Current	AC-DCEP (Direct Current Electrode Positive)
Welding Position	F, V, OH, H
Size	2.0 mm, 2.50 mm, 3.15 mm, 4.00 mm, 5.0 mm
AC/DC+	AC or DC (+)

JIS Specification	BS 2926 19.9 A R
Other Specification	DIN 8556 E19 9 R 23 A
AWS A5.4, E308H Coated Electrodes Application & uses	Petroleum Chemical plant Power sector Gas Industry Hardware tools Metallurgy Machinery Construction Shipbuilding

## Equivalent Grade Of E308H Welding Electrodes



Class	UNS	Oxford Alloys
E308H	W30810	Alloy 308/308H

## E308H Welding Electrodes Chemical Composition



C	Cr	Cu	Ferrite	Mn	Mo	Ni	Si
0.04 %	20 %	0.10 %	9 FN %	1.80 %	0.30 %	10 %	0.50 %

## E308H Welding Electrodes Parameters



Diameter	Length	Amperage	
		Flat	Vertical & Overhead
3/32"	12"	70-85	65-75
1/8"	14"	85-110	80-90
5/32"	14"	110-140	100-120
3/16"	14"	120-160	110-130

## People Also Searched

E308H welding rod, E308H electrodes specification, UNS S30809 welding filler, ASTM A182 F308H electrode, AWS A5.4 E308H stainless steel, E308H vs E308L difference, E308H welding temperature, E308H for 304H stainless steel, Stainless steel welding electrodes, High carbon E308H rod, E308H welding current settings, E308H welding data sheet, E308H for petrochemical use,

E308H electrode chemical composition, ISO 3581-A E19 9H R electrode, E308H electrode applications, 304H stainless electrode, E308H electrode mechanical properties, Heat-resistant welding electrodes, Stainless steel filler metal E308H, E308H electrode manufacturer, Welding consumables E308H, E308H electrode arc stability, E308H stainless rod tensile strength, E308H for refinery welding, Pressure vessel welding electrodes, E308H creep resistance, E308H corrosion resistance properties, Welding rods for heat exchangers, E308H electrode moisture resistance, E308H welding procedure, Best electrodes for 304H steel, E308H stainless steel rod, AWS A5.4 E308H datasheet, UNS S30809 electrode equivalent ISO 3581 E19 9H R welding rod, High-temperature stainless electrode