

Metals And Welding Specialities is a trusted manufacturer and supplier of high-quality **E308/308H-16 Welding Electrodes** designed for superior welding performance. These electrodes are widely used for welding stainless steel of similar composition, offering excellent corrosion resistance and durability. Manufactured in compliance with international standards, including ASTM A240 Grade 308/308H and UNS S30800/S30809, these electrodes are engineered to deliver precision and reliability across diverse industrial applications.



## Table Of Content

- [What is E308/308H-16 Welding Electrodes?](#)
- [Specification of E308/308H-16 Welding Electrodes](#)
- [Equivalent Grade Of E308/308H-16 Welding Electrodes](#)
- [Chemical Composition of E308/308H-16 Welding Electrodes](#)
- [E308/308H-16 Welding Electrodes Parameters](#)
- [People Searched for E308/308H-16 Welding Electrodes](#)
- [Supply Cities of E308/308H-16 Welding Electrodes](#)
- [Export Countries of E308/308H-16 Welding Electrodes](#)

The **E308/308H-16 coated electrodes** are primarily suitable for welding austenitic stainless steels that contain higher carbon content. The higher carbon variation (308H) provides enhanced high-temperature strength, making them ideal for operations where resistance to scaling and heat is critical. With a rutile-type coating, these electrodes ensure smooth arc stability, easy slag removal, and excellent bead appearance, making them highly user-friendly for welders across industries.



E308/308H-16 Welding Electrodes, E308/308H-16 Welding Electrodes Manufacturers, E308/308H-16 Welding Electrodes Suppliers, E308/308H-16 Welding Electrodes Stockists, E308/308H-16 Welding Electrodes Exporters

Metals And Welding Specialities ensures that its **AWS E308/308H-16 electrodes** deliver consistent weld metal properties with outstanding mechanical strength and toughness. They are especially useful in industries such as petrochemical, chemical processing, pressure vessels, food processing, and power generation, where stainless steel welding reliability is non-negotiable. These electrodes are also compatible for joining dissimilar grades of stainless steels to themselves and to carbon or low alloy steels, providing excellent versatility.

One of the major benefits of the **E308/308H-16 electrodes** is their resistance to intergranular corrosion, which is crucial when working with stainless steel exposed to elevated temperatures. The deposited weld metal matches stainless steels like ASTM A240 Grade 308 and 308H, making them suitable for both fabrication and repair welding. The presence of higher carbon in 308H provides the added advantage of creep resistance at high service temperatures.



E308/308H-16 Welding Electrodes in India, E308/308H-16 Welding Electrodes Manufacturers in India, E308/308H-16 Welding Electrodes Suppliers in India, E308/308H-16 Welding Electrodes Stockists in India, E308/308H-16 Welding Electrodes Exporters in India

Metals And Welding Specialities maintains strict quality standards while producing these electrodes, ensuring they meet the performance expectations of international clients. Each electrode undergoes rigorous inspection and testing to guarantee superior welding performance, corrosion resistance, and durability under challenging service conditions. The company's dedication to excellence makes it a reliable partner for industries requiring advanced welding solutions.

With a commitment to customer satisfaction, Metals And Welding Specialities supplies **E308/308H-16 Welding Electrodes** in different sizes and packaging options to meet diverse requirements. Clients trust the company's expertise, technical support, and timely delivery, making Metals And Welding Specialities a preferred choice in the global welding consumables market.

If you are looking for stainless steel welding electrodes that offer exceptional performance, strength, and corrosion resistance, Metals And Welding Specialities' **E308/308H-16 electrodes** are the ideal solution, ensuring long-lasting weld integrity across critical applications.

### Specification E308/308H-16 Welding Electrodes



Classification	AWS A5.4, E308/308H-16
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 E308/308H-16 Coated Electrodes Application & uses	Petroleum Chemical plant Power sector Gas Industry Hardware tools Metallurgy Machinery Construction Shipbuilding

## Equivalent Grade Of E308/308H-16 Welding Electrodes



Class	UNS	Oxford Alloys	BOHLER
E308/308H-16	W30810	Alloy 308/308H-16	BOHLER FOX E 308H

## E308/308H-16 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 %

## E308/308H-16 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

ASTM A240 Grade 308 electrodes, ASTM A240 Grade 308H welding rods, UNS S30800 electrodes, UNS S30809 welding rods, stainless steel 308 electrodes, stainless steel 308H electrodes, E308-16 welding electrodes, E308H-16 welding rods, AWS E308/308H welding consumables, 308 stainless steel welding rods, high carbon stainless steel electrodes, stainless steel pressure vessel electrodes, ASTM 308 welding electrodes, UNS S30800 stainless steel rods, UNS S30809 stainless electrodes, heat-resistant stainless steel electrodes, corrosion-resistant electrodes 308, petrochemical welding electrodes 308H, chemical industry stainless electrodes, food-grade stainless steel welding rods, power plant welding consumables, boiler stainless steel electrodes, dissimilar stainless welding rods, rutile-coated stainless steel electrodes, 308 vs 308H welding rods, stainless steel filler rods 308, high-temperature welding electrodes 308H, stainless steel arc welding electrodes, AWS A5.4 E308/308H-16 electrodes, stainless steel electrode supplier, Metals And Welding Specialities stainless electrodes.