



E6013 E7015 E7018 ER70S-6 Carbon Steel Welding Rod Welding Electrode 6013 Welding Rods EB5366

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: E6013 E7015 E7018 ER70S-6
- Minimum Order Quantity: 5 Kg
- Price: Negotiable
- Packaging Details: Spool package with Carton box, Coil package with polybag
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



Product Specification

- Name: Electrode Rod
- Model Number: E6013 E7015 E7018 ER70S-6
- Operating Current: DC AC
- Application: Welding Carbon Steel Materials
- Advantage: Excellent Welding
- Dimensions: Dia.1.0,2.0,2.5,3.2,4.0mm
- Length: 350mm,400mm Or Custom Made
- Feature: Corrosion Resistance
- Highlight: E7015 Carbon Steel Welding Rod,
ER70S-6 Carbon Steel Welding Rod,
E6013 Carbon Steel Welding Rod



More Images



Product Description

Introduction:

E6013, E7015, E7018, and ER70S-6 are common carbon steel welding materials used for different welding needs and scenarios. The diameter of E6013 welding rod is usually between 1.6mm and 5.0mm, and the welding current range is 20A to 200A. This type of welding rod is easy to operate and the welding slag is easy to peel off, making it suitable for general structural welding, such as light steel structures, vehicle manufacturing, etc. E7015 and E7018 welding rods belong to low hydrogen calcium titanium type welding rods, with a diameter range generally between 2.5mm and 5.0mm, and a welding current range of 50A to 300A. They have good weld formability and mechanical properties, making them suitable for high-strength welding, such as ship construction, bridge construction, and other fields. The diameter of ER70S-6 solid core welding wire is usually between 0.8mm and 1.6mm, suitable for automated or semi-automatic welding, with excellent welding performance, no pores after welding, good crack resistance, and is widely used in fields such as automotive manufacturing and pressure vessel manufacturing. The selection of appropriate welding materials should be determined based on specific welding requirements, process conditions, and the type of material being welded.

Parameter:

Model: E6013, E7015, E7018, ER70S-6

Size: Dia. 1.0,2.0,2.5,3.2,4.0mm,350mm,400mm or Custom Made

Packing: Package in boxes.

Quality Level: As per National Standard & International Standards.

Sizes available: 350mm.

Application Field: Mining Industry, Valve and Pump Industry, Heat-treatment Industry, Metallurgical Industry, Cement Industry, Power plants, Oil, Gas Industry.

Chemical Composition:

Composition (%)	C	Mn	Si	S	P	Fe
E6013	≤0.12	0.3-0.6	≤0.35	≤0.035	≤0.04	Bal.

Composition (%)	C	Mn	Si	S	P	Ni	Mo	Cr	V
E7015	≤0.12	≤1.60	≤0.75	≤0.035	≤0.04	≤0.30	≤0.30	≤0.20	≤0.08

Composition (%)	C	Si	Mn	S	P	Mo
E7018	≤0.12	≤0.60	≤0.90	≤0.035	≤0.035	0.40~0.65

Composition (%)	C	Si	Mn	S	P
ER70S-6	0.06-0.15	0.8-1.15	1.4-1.85	≤0.035	≤0.025

Feature:

E6013 welding rod:

Advantages: Easy to operate, easy to peel off slag.

Application areas: general structural welding, lightweight steel structures, vehicle manufacturing, etc.

E7015 and E7018 welding rods:

Characteristic advantage: Low hydrogen calcium titanium type welding rod, with good weld formability and mechanical properties.

Application field: Suitable for high-strength welding, such as shipbuilding, bridge construction, and other fields.

ER70S-6 solid core welding wire:

Advantages: No pores after welding, good crack resistance, suitable for automated or semi-automatic welding.

Application areas: automotive manufacturing, pressure vessel manufacturing, and other fields, as well as occasions that require high-quality welding.

Packing:

2.0mm: 2.5kg/box, 8boxes/carton

2.5mm: 2.5kg/box, 8boxes/carton

3.2mm: 5kg/box, 4boxes/carton

4.0mm: 5kg/box, 4boxes/carton

5.0mm: 5kg/box, 4boxes/carton

then on seaworthy pallet

Or Customize!



Q&A:

Q: What scenarios is E6013 welding rod suitable for?

Answer: E6013 welding rod is suitable for general structural welding, such as light steel structures, vehicle manufacturing, etc.

Q: What are the characteristics of ER70S-6 welding wire?

Answer: ER70S-6 welding wire has good welding performance, no pores after welding, good crack resistance, and is suitable for welding in various scenarios.

Q: What industries are E7018 welding rods mainly used in?

Answer: E7018 welding rod is mainly used in situations that require high-strength welding, such as shipbuilding, bridge construction, and other fields.



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