

3 1/2% NICKEL STEEL WELDING ROD - 3-1/2% NICKEL STEEL WELDING ROD .045" DIAMETER 8OZ

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Blues Beautifully; No Blow Holes; Smoother, Nicer Welds

Developed for use in our space program to give the best possible welds, 3½% Nickel Steel Welding Rod is almost totally free of impurities and flows beautifully to produce an extremely smooth, non-porous weld with Oxy-Acetylene or TIG. Over the years many gunsmiths have asked for this rod to weld bolt handles and other items that will be polished after welding. Thanks to Jim Thompson, Maverick Gun Works of Topeka, Kansas, we've located a supplier of 3½% Nickel Steel Welding Rod. Says Jim, "I finally located some 3½% Nickel Steel Rod and the first bolt I welded was perfect. The rod is expensive but worth its weight in gold when you are welding bolt handles and any other job where a perfect weld is desired. I find I get the best results as follows: bring parts to welding temperature with a rather large flame, then back off on the flame until it is just hissing. I use a No. 2 tip. (You might find another works better.) Take your time, don't get it too hot and you can work with it all day if you have to. The weld is easy to work with, file or machine. Be sure to use a neutral flame." There is no flux or other coding on the part.



Attributes

- Name: [3-1/2% NICKEL STEEL WELDING ROD .045" DIAMETER 8OZ](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080547108
- Mfr. No.:
- Color: Nickel
- Diameter (in): 0.045
- Material: Nickel
- Weight: 0.5 lbs
- Delivery weight: 0.227kg
- Shipping height: 5mm
- Shipping width: 56mm
- Shipping length: 455mm
- UPC: 050806102385

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Safety Instruction Guide for 3 1/2% Nickel Steel Welding Rod

Introduction

Thank you for choosing the 3 1/2% Nickel Steel Welding Rod. This product has been developed to provide superior welding quality, especially for applications requiring a polished finish. It is essential to use this product safely and correctly to ensure optimal results and minimize risks. This guide outlines safety guidelines, precautions, and instructions for the safe use of the welding rod.

General Safety Guidelines

- Always read and understand the instructions before using the welding rod.
- Ensure that the working area is wellventilated to avoid inhalation of fumes.
- Use appropriate personal protective equipment (PPE), including gloves, goggles, and welding masks.
- Keep flammable materials away from the welding area.
- Store the welding rod in a cool, dry place to prevent damage or contamination.
- Report any unsafe products or accidents to the relevant authorities.

Specific Safety Precautions for Use

- Ensure that you are familiar with the welding equipment you are using.
- Use a neutral flame when welding to avoid contamination of the weld.
- Avoid overheating the welding rod and the workpieces to prevent warping or damage.
- Do not use the welding rod for purposes other than those specified.
- Keep children and pets away from the welding area.
- Be aware of your surroundings and ensure that no one is in the immediate vicinity while welding.

Instructions for Installation and Usage

1. Preparation:

- Gather all necessary tools and equipment, including the welding rod, welding machine, and PPE.
- Clean the surfaces to be welded to remove any dirt, grease, or contaminants.

2. Setting Up:

- Set up your welding machine according to the manufacturer's instructions.
- Select a No. 2 tip or another suitable size for your welding needs.

3. Welding Process:

- Bring the workpieces to the appropriate welding temperature using a large flame.
- Gradually reduce the flame until it is just hissing.
- Carefully introduce the welding rod to the joint, ensuring a smooth flow of material.
- Take your time to avoid overheating the workpieces; you can work with the rod throughout the day if needed.
- Once finished, allow the weld to cool naturally before handling.

4. PostWelding:

- Inspect the weld for quality and ensure it meets your standards.
- Use appropriate tools to file or machine the weld if necessary.

- Store any unused welding rods properly to maintain their quality.

Disposal Instructions

- Dispose of any waste materials, such as used welding rods or packaging, in accordance with local regulations.
- Do not dispose of the welding rod in regular household waste. Check for local recycling or hazardous waste disposal options.

Contact Information for Further Support

For any inquiries regarding safety or usage of the 3 1/2% Nickel Steel Welding Rod, please refer to the manufacturer's contact information provided with the product.

By following these safety guidelines and instructions, you can ensure a safer and more effective welding experience. Always prioritize safety and compliance with local regulations when using welding products.

About Us

Brownells Austria

Brownells - World's Largest Supplier of Gun Parts, Gunsmith Tools & Shooting Accessories

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