

# **3 1/2% NICKEL STEEL WELDING ROD - 3-1/2% NICKEL STEEL WELDING ROD .094" DIAMETER 8OZ**

[Gunsmith Tools & Supplies](#) > [General Gunsmith Tools](#) > [Welding](#)

## **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 .094" DIAMETER 8OZ](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080547050
- Mfr. No.:
- Color: Nickel
- Diameter (in): 0.094
- Material: Nickel
- Weight: 0.5 lbs
- Delivery weight: 0.249kg
- Shipping height: 5mm
- Shipping width: 58mm
- Shipping length: 404mm
- UPC: 050806102354

# Table of Contents

- Startpage
- Safety Instruction Guide for 3 1/2% Nickel Steel Welding Rod
- About Us

# 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 is designed to provide highquality welds for various applications, including gunsmithing. Please read this safety instruction guide carefully to ensure safe and effective use of the product.

## General Safety Guidelines

- Always ensure that you are using the welding rod in accordance with applicable local safety regulations.
- Keep the welding rod out of reach of children and vulnerable individuals.
- Use personal protective equipment (PPE) such as gloves, goggles, and protective clothing while welding.
- Be aware of your surroundings and ensure that the workspace is free from flammable materials.
- Regularly inspect the welding equipment and rods for any signs of damage or wear before use.

## Specific Safety Precautions for Use

- Ensure proper ventilation in the workspace to avoid inhalation of harmful fumes.
- Use a neutral flame when welding to prevent contamination of the weld.
- Avoid overheating the rod and the workpieces to minimize the risk of warping or damage.
- Take care when handling the welding rod, as it may become hot during use.
- Follow the manufacturer's instructions for the specific welding technique being employed.

## Instructions for Installation and Usage

### 1. Preparation:

- Gather all necessary tools and equipment, including your welding machine, protective gear, and the 3 1/2% Nickel Steel Welding Rod.
- Ensure that the workpieces are clean and free from rust or debris.

### 2. Setting Up:

- Adjust the welding machine settings according to the specifications for the 3 1/2% Nickel Steel Welding Rod.
- Use a No. 2 tip for optimal results, but feel free to experiment with other sizes if necessary.

### 3. Welding Process:

- Bring the parts to welding temperature using a large flame.
- Gradually back off on the flame until it reaches a hissing sound.
- Proceed with the welding, taking your time and ensuring that you do not overheat the materials.
- After welding, allow the workpieces to cool down naturally.

### 4. PostWelding:

- Inspect the weld for quality. It should be smooth and nonporous.
- Use appropriate tools for finishing the weld, such as files or machines, as needed.

## Disposal Instructions

- Dispose of any unused or waste welding rods in accordance with local regulations.
- Avoid discarding the welding rod in regular household waste. Check for designated disposal sites or recycling programs in your area.

## Contact Information for Further Support

For any inquiries related to safety or product use, please reach out to your local supplier or consult the manufacturer's website.

By following these safety instructions, you can ensure a safe and effective experience while using the 3 1/2% Nickel Steel Welding Rod. Thank you for prioritizing safety in your welding practices.

# About Us

## Brownells Austria

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