

# 3 1/2% NICKEL STEEL WELDING ROD - 3-1/2% NICKEL STEEL WELDING ROD .094" DIAMETER 16OZ

[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 16OZ](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080547100
- Mfr. No.:
- Color: Nickel
- Diameter (in): 0.094
- Material: Nickel
- Weight: 1 lb
- Delivery weight: 0.454kg
- Shipping height: 3mm
- Shipping width: 38mm
- Shipping length: 333mm
- UPC: 050806102361

## Item details

Made in USA

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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 highquality welds for various applications, including gunsmithing. This guide outlines important safety instructions to ensure safe and effective use of the welding rod, in compliance with the EU General Product Safety Regulation (GPSR).

## General Safety Guidelines

- Always read and understand the safety instructions before using the product.
- Ensure that the welding area is wellventilated to avoid inhaling harmful fumes.
- Use appropriate personal protective equipment (PPE), including gloves, goggles, and protective clothing.
- Keep the welding rod and all related materials out of reach of children and vulnerable individuals.
- Regularly inspect the welding rod for any signs of damage or wear before use.
- Report any unsafe products or accidents to the relevant authorities.
- Check for recall updates on the EU's Safety Gate platform.

## Specific Safety Precautions for Use

- Ensure the welding equipment is in good working condition before use.
- Use the welding rod only for its intended purpose, as described in the product specifications.
- Maintain a safe distance from flammable materials while welding.
- Do not touch the welding rod or welded materials until they have cooled completely.
- Avoid inhaling smoke and fumes generated during the welding process; use appropriate ventilation.
- Always use a neutral flame when welding with this rod to achieve optimal results.
- Be cautious of electrical hazards if using electric welding equipment.

## Instructions for Installation and Usage

### 1. Preparation:

- Gather all necessary tools and materials, including the welding rod, welding equipment, and PPE.
- Ensure the working area is clean and free of any obstructions or flammable materials.

### 2. Welding Temperature:

- Bring the parts to be welded to the appropriate temperature using a large flame.
- Gradually reduce the flame until it reaches a hissing sound, indicating it is at the correct temperature.

### 3. Welding Process:

- Use a No. 2 tip for welding; however, you may experiment with other tips for better results.
- Take your time during the welding process to avoid overheating the materials.
- Ensure that you maintain a steady hand for a smooth and nonporous weld.

### 4. PostWelding:

- Allow the weld to cool completely before handling.
- Inspect the weld for quality and smoothness; it should be easy to file or machine.

- Store any unused welding rods in a safe and dry place.

## **Disposal Instructions**

- Dispose of any unused or damaged welding rods in accordance with local regulations.
- Do not dispose of welding rods in regular household waste. Check with local authorities for proper disposal methods.

## **Contact Information for Further Support**

For any safety inquiries or further assistance regarding the 3 1/2% Nickel Steel Welding Rod, please refer to the appropriate contact point in your EU country.

By following these safety instructions, you can ensure a safe and effective welding experience with the 3 1/2% Nickel Steel Welding Rod. Thank you for your attention to safety, and happy welding!

# About Us

## Brownells Austria

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