

3 1/2% NICKEL STEEL WELDING ROD - BROWNELLS 3-1/2% NICKEL STEEL WELDING ROD .094" DIAMETER 4OZ

[Gunsmith Tools](#) > [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: [BROWNELLS 3-1/2% NICKEL STEEL WELDING ROD .094" DIAMETER 4OZ](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080547025
- Mfr. No.:
- Colour: Nickel
- Diameter (in): 0.094
- Material: Nickel
- Weight: 0.25 lbs
- Delivery weight: 0.113kg
- Shipping height: 5mm
- Shipping width: 61mm
- Shipping length: 401mm
- UPC: 050806102347

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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 by Brownells. This product is specifically designed to provide highquality welds for various applications, especially in gunsmithing. This guide provides essential safety instructions to ensure the safe and effective use of this welding rod, in compliance with the EU General Product Safety Regulation (GPSR).

General Safety Guidelines

- Always wear appropriate personal protective equipment (PPE) when welding, including:
 - Safety goggles or a welding helmet to protect your eyes from sparks and UV radiation.
 - Flame-resistant gloves to protect your hands from heat and burns.
 - Protective clothing that covers your skin to prevent burns and injuries.
- Ensure your workspace is wellventilated to avoid inhalation of harmful fumes.
- Keep flammable materials away from the welding area to prevent fires.
- Store the welding rod in a cool, dry place, away from direct sunlight and moisture.
- Be aware of the potential hazards associated with welding, including:
 - Fire hazards from sparks.
 - Fume inhalation risks.
 - Electric shock when using welding equipment.

Specific Safety Precautions for Use

- Before starting, inspect the welding rod for any visible damage or defects.
- Use the welding rod only with compatible welding equipment (OxyAcetylene or TIG).
- Follow the manufacturer's instructions for your welding equipment.
- Maintain a safe distance from the welding flame and molten metal to prevent burns.
- Do not touch the welding rod or the welded area until they have cooled down completely.
- Ensure that you are familiar with emergency procedures in case of accidents or injuries.
- Keep a fire extinguisher nearby and ensure it is suitable for electrical and flammable materials.

Instructions for Installation and Usage

1. Preparation:

- Gather all necessary tools and safety equipment before starting.
- Clean the surfaces to be welded to ensure a strong bond.
- Bring the parts to welding temperature using a large flame, then reduce the flame to a hissing sound for optimal welding.

2. Welding Process:

- Use a No. 2 tip for welding, adjusting as necessary for your specific equipment.
- Take your time to avoid overheating the materials being welded.
- Work steadily and allow the weld to cool naturally; do not rush the process.
- After welding, inspect the weld for quality and ensure it is smooth and nonporous.

3. PostWelding:

- Allow the welded item to cool down completely before handling.

- Clean the welded area to remove any residue or oxidation.
- If necessary, file or machine the weld for a polished finish.

Disposal Instructions

- Dispose of any unused welding rod and packaging materials in accordance with local regulations.
- Do not dispose of welding rods in regular household waste.
- Check with local authorities for specific disposal guidelines for hazardous materials.

Contact Information for Further Support

For any questions or concerns regarding the use of the 3 1/2% Nickel Steel Welding Rod, please contact the manufacturer directly. It is important to ensure that all inquiries are directed to the appropriate channels for assistance.

By following these safety instructions, you can ensure a safe and effective welding experience with the 3 1/2% Nickel Steel Welding Rod. Always prioritize safety and consult professionals when needed.

About Us

Brownells UK

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

Unit 1, Laughing Dog Industrial Estate
London Road
Rugby
Warwickshire
CV23 9LP

www.brownells.co.uk