

3 1/2% NICKEL STEEL WELDING ROD - BROWNELLS 3-1/2% NICKEL STEEL WELDING ROD .045" 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 .045" DIAMETER 4OZ](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080547104
- Mfr. No.:
- Colour: Nickel
- Diameter (in): 0.045
- Material: Nickel
- Weight: 0.25 lbs
- Delivery weight: 0.113kg
- Shipping height: 5mm
- Shipping width: 53mm
- Shipping length: 409mm
- UPC: 050806102378

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 by Brownells. This product is designed to provide highquality welds for various applications, particularly in gunsmithing. To ensure safe and effective use of this welding rod, please follow the safety guidelines outlined in this manual.

General Safety Guidelines

- Always read and understand the instructions before using the product.
- Use the welding rod only for its intended purpose as described in this guide.
- Ensure that the workspace is wellventilated to avoid inhalation of fumes.
- Keep the welding rod out of reach of children and vulnerable individuals.
- Wear appropriate personal protective equipment (PPE), including gloves, goggles, and flameresistant clothing.
- Be aware of your surroundings and ensure that flammable materials are kept at a safe distance from the welding area.

Specific Safety Precautions for Use

• Fire Safety:

- Always have a fire extinguisher nearby when welding.
- Do not weld in areas with flammable materials or liquids.

• Health Safety:

- Use a respirator if working in confined spaces or if you are sensitive to fumes.
- Take breaks to avoid prolonged exposure to heat and fumes.

• Welding Equipment:

- Ensure that your welding equipment is in good working condition before use.
- Use a neutral flame to avoid contamination of the weld.

• Handling the Rod:

- Handle the welding rod with care to avoid injury.
- Store the welding rod in a cool, dry place to prevent damage.

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 ensure a strong bond.

2. Welding Process:

- Bring the parts to the required welding temperature using a large flame.
- Gradually reduce the flame until it is just hissing.

- Use a No. 2 tip for best results, but feel free to experiment with other tips.
- Work at a steady pace to avoid overheating the materials.

3. PostWelding:

- Allow the welded parts to cool naturally.
- Inspect the weld for quality and make any necessary adjustments.

Disposal Instructions

- Dispose of any leftover welding rod and packaging materials in accordance with local regulations.
- Do not dispose of the welding rod in regular household waste.
- Check with local waste management services for proper disposal methods for metal materials.

Contact Information for Further Support

For any questions or concerns regarding the 3 1/2% Nickel Steel Welding Rod, please refer to the manufacturer's contact information provided with the product packaging.

Conclusion

By following these safety guidelines, you can ensure a safe and effective welding experience with the 3 1/2% Nickel Steel Welding Rod. Always prioritize safety and adhere to the instructions provided. Thank you for your commitment to safe welding practices.

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