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› [Esco EA819-10 7-Piece Set / 0.1 inch \(3 mm\) Shaft Buffing Set User Manual](#)

ESCO EA819-10

Esco EA819-10 7-Piece Buffing Set User Manual

Model: EA819-10 | Brand: ESCO

INTRODUCTION

This manual provides essential information for the safe and effective use of the Esco EA819-10 7-Piece Buffing Set. This set is designed for deburring and polishing various materials, including metal, non-metal, ceramic, and glass. Please read these instructions thoroughly before operation.

PRODUCT OVERVIEW

The Esco EA819-10 is a comprehensive 7-piece buffing set, each component featuring a 0.1 inch (3 mm) shaft, suitable for use with compatible rotary tools.

Set Contents:

- Cotton puff 1.1 x 0.2 inches (28 x 5 mm)
- Cotton mop buff 0.9 x 0.4 inches (22 x 10 mm)
- Muslin buff 0.9 x 0.3 inches (25 x 8 mm) (#320 mm) x 1 mm)
- Includes four additional specialized buffs for a complete 7-piece set.



This image displays the seven individual buffering components included in the Esco EA819-10 set, each with a 3mm shaft. From left to right, the set includes various cotton, mop, and muslin buffs designed for different polishing and deburring tasks.

SETUP

1. **Safety First:** Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves, before handling or operating buffering tools.
2. **Tool Compatibility:** Ensure your rotary tool or drill has a chuck that can securely hold a 3mm (0.1

inch) shaft.

- Attachment:** Select the desired buffering component. Insert the 3mm shaft fully into the chuck of your rotary tool and tighten securely. Ensure the buffering component is centered and stable.
- Workpiece Preparation:** Secure the workpiece firmly to prevent movement during the buffering process. Clean the surface of the workpiece to remove any loose debris.

OPERATING INSTRUCTIONS

- Speed Setting:** Set your rotary tool to an appropriate speed. The maximum recommended speed for these buffs is 5,000 rpm. Start with a lower speed and gradually increase if necessary, observing the material's reaction.
- Application:** Apply light, consistent pressure. Move the buffering tool smoothly across the surface of the workpiece. Avoid excessive pressure, which can cause overheating, damage to the buff, or marring of the surface.
- Polishing Compounds:** For optimal results, apply a suitable polishing compound to the buff or the workpiece surface as recommended for your specific material.
- Direction:** For best results, work in small sections and change the direction of buffering periodically to ensure even coverage and finish.
- Cooling:** Allow the buff and workpiece to cool periodically, especially during extended use, to prevent heat buildup.

MAINTENANCE

- Cleaning Buffs:** After use, clean the buffering components to remove accumulated material and polishing compounds. A stiff brush or compressed air can be used. For some buffs, gentle washing with mild soap and water may be appropriate, followed by thorough drying.
- Inspection:** Regularly inspect buffs for wear, damage, or excessive clogging. Replace any buff that shows signs of significant wear or damage to ensure optimal performance and safety.
- Storage:** Store the buffering set in a clean, dry place, away from direct sunlight and extreme temperatures, to prevent degradation of the materials.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Poor Polishing Results	Incorrect buff type for material; insufficient polishing compound; worn buff; incorrect speed.	Ensure correct buff and compound are used. Apply more compound. Replace worn buff. Adjust tool speed.
Buff Overheating	Excessive pressure; too high RPM; prolonged continuous use.	Reduce pressure. Lower RPM. Allow buff to cool periodically.
Buff Wobbles/Vibrates	Buff not securely tightened in chuck; bent shaft; damaged buff.	Re-tighten buff. Inspect shaft for bends; replace if bent. Replace damaged buff.

SPECIFICATIONS

- **Product Model:** EA819-10
- **Set Contents:** 7-piece buffing set
- **Shaft Diameter:** 0.1 inch (3 mm)
- **Maximum Rotational Speed:** 5,000 rpm
- **Typical Buff Dimensions:** Cotton puff (28 x 5 mm), Cotton mop buff (22 x 10 mm), Muslin buff (25 x 8 mm)
- **Applications:** Deburring and polishing metal, non-metal, ceramic, glass, etc.
- **Product Dimensions:** 25 x 10 x 25 cm
- **Product Weight:** 2 kg

WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or replacement parts for your Esco EA819-10 Buffing Set, please refer to the original purchase documentation or contact your retailer. Specific warranty terms may vary by region and point of purchase.

For general inquiries or further assistance, please visit the official ESCO website or contact their customer service department.

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Related Documents - EA819-10

 <p>Operator's Manual 10437</p>	<p>ESCO 10437 Forklift Jack Operator's Manual</p> <p>Operator's manual for the ESCO 10437 Forklift Jack, including safety warnings, specifications, and a parts list.</p>
 <p>Multi-Zone ART Workstation</p>	<p>Esco Multi-Zone ART Workstation: Advanced Equipment for Assisted Reproductive Technology</p> <p>Explore the Esco Multi-Zone ART Workstation, a state-of-the-art solution for gamete and embryo manipulation in IVF. Discover its advanced features including multi-zone heating, precise temperature control, superior air cleanliness, and optional MIRI® chambers, designed to enhance ART success rates.</p>
 <p>TC-750 Wi-Fi Klimakonwektora (TC-750 Wi-Fi Climate Controller)</p> <p>INSTRUKCJA OBSŁUGI / KARTA GWARANCYJNA</p>	<p>ESCO TC-750 Wi-Fi - Instrukcja Obsługi i Karta Gwarancyjna</p> <p>Szczegółowa instrukcja obsługi i karta gwarancyjna dla sterownika klimakonwektora ESCO TC-750 Wi-Fi z zdalnym dostępem przez aplikację Tuya. Dowiedz się o instalacji, konfiguracji i funkcjach urządzenia.</p>

	<p><u>Instrukcja Obsługi i Karta Gwarancyjna Rejestratora Temperatury ESCO DR-203+WD</u> Szczegółowa instrukcja obsługi i karta gwarancyjna dla rejestratora temperatury ESCO DR-203+WD, przeznaczonego do monitorowania temperatury w transporcie i magazynowaniu towarów.</p>
	<p><u>ESCO Model 10962 Digital Tire Inflator Operating Instructions</u> Operating instructions for the ESCO Model 10962 Digital Tire Inflator, including details on operation, battery change, scale change, calibration, and specifications.</p>
	<p><u>MIRI® Evidence: RFID Witnessing & Traceability System for Fertility Clinics</u> Discover MIRI® Evidence, the advanced RFID witnessing and traceability system by ESCO Medical designed to enhance accuracy, security, and chain of custody in fertility clinics. Streamline IVF processes and minimize errors.</p>