ARES 42073

ARES 42073 Flexible Socket Extension Set User Manual

Model: 42073

INTRODUCTION

This manual provides instructions for the ARES 42073 4-Piece Flexible Socket Extension Set. This set includes two 1/4-inch drive extensions (6-inch and 10-inch lengths) and two 3/8-inch drive extensions (8-inch and 12-inch lengths). These tools are designed to provide extended reach and flexibility for accessing fasteners in confined or obstructed areas.
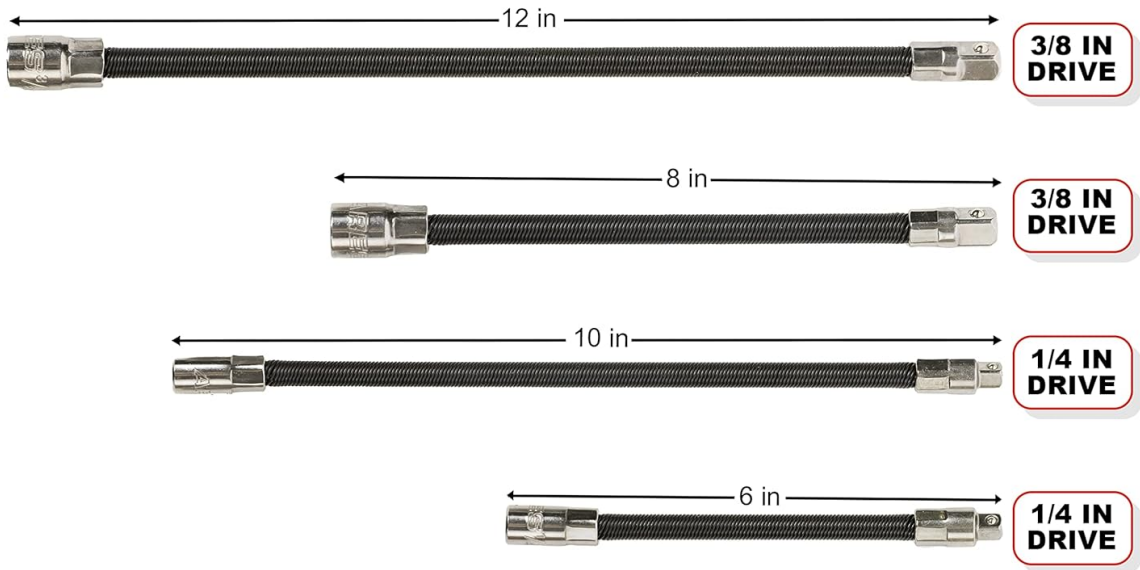
Image: The ARES 42073 4-Piece Flexible Socket Extension Set, showing all four extensions of varying lengths and drive sizes.

Setup

To use the flexible socket extensions, select the appropriate drive size (1/4-inch or 3/8-inch) and length for your application. Attach your desired socket to the square drive end of the extension. The spring-loaded detent ball on the extension ensures a secure fit, preventing the socket from slipping off during use. Connect the other end of the extension to your ratchet or drive tool.

12 in

3/8 IN DRIVE

8 in

3/8 IN DRIVE

10 in

1/4 IN DRIVE

6 in

1/4 IN DRIVE

Ideal for
LIGHT-DUTY TORQUE APPLICATIONS

Image: A diagram illustrating the four flexible extensions with their respective lengths (6-inch, 8-inch, 10-inch, 12-inch) and drive sizes (1/4-inch and 3/8-inch).

Made of
HIGH-STRENGTH, HEAT TREATED ALLOY STEEL

BLACK OXIDE COATED FLEX SPRING

SPRING-LOADED DETENT BALL
ensures secure fit and prevents socket slipping

CORROSION-RESISTANT
Chrome Plated Drive Ends

Image: A close-up view highlighting the high-strength, heat-treated alloy steel construction, black oxide coated flex spring shaft, spring-loaded detent ball, and corrosion-resistant chrome plated drive ends.

OPERATING INSTRUCTIONS

These flexible socket extensions are designed to navigate around obstructions and reach fasteners that are otherwise inaccessible with rigid extensions. The flex spring shafts allow the extensions to bend into multiple positions, enabling you to apply torque from various angles. They are ideal for light-duty torque applications where space is limited. Ensure the socket is fully seated on the detent ball before applying force.

Flex spring shafts allow extensions to **BEND INTO MULTIPLE POSITIONS**

MEETS AND EXCEEDS ANSI/ASME STANDARDS

Image: A flexible extension being used in a vehicle engine bay to access a hard-to-reach bolt, demonstrating its ability to bend around components.

No official product videos from the seller were found for embedding in this manual.

MAINTENANCE

To ensure the longevity and performance of your ARES Flexible Socket Extension Set, follow these maintenance guidelines:

- **Cleaning:** After each use, wipe down the extensions with a clean cloth to remove any dirt, grease, or debris. For stubborn grime, a mild degreaser can be used, followed by a thorough drying.
- **Storage:** Store the extensions in a dry environment to prevent moisture accumulation. Keep them organized in a toolbox or storage tray to protect them from damage and loss.
- **Inspection:** Periodically inspect the flexible shafts and drive ends for any signs of wear, damage, or corrosion. While the chrome plated drive ends and black oxide coated shafts are corrosion-resistant, proper care helps maintain their condition.

TROUBLESHOOTING

If you encounter issues while using your flexible socket extensions, consider the following:

- **Socket Slipping:** Ensure the socket is fully engaged with the spring-loaded detent ball on the extension. If the socket still slips, inspect the detent ball and the socket's drive opening for wear or damage.
- **Difficulty Bending:** While flexible, these extensions are designed for light-duty torque. Excessive force or attempting to bend them beyond their intended flexibility may cause damage. Ensure you are not applying torque that exceeds the tool's capacity.

- **Corrosion:** Although designed to be corrosion-resistant, prolonged exposure to harsh chemicals or moisture without proper cleaning can lead to corrosion. Refer to the maintenance section for care instructions.
- **Tool Damage:** If an extension appears damaged or is not functioning correctly, discontinue use immediately. Refer to the warranty information for replacement options.

SPECIFICATIONS

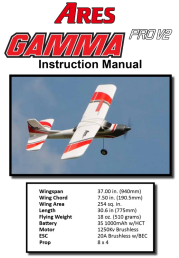| Feature	Detail
Brand	ARES
Model Number	42073
Material	Alloy Steel
Finish Type	Black Oxide
Number of Pieces	4
Drive Sizes	1/4-inch, 3/8-inch
Lengths Included	6-inch, 8-inch, 10-inch, 12-inch
Item Weight	14.4 ounces
Product Dimensions	12 x 0.6 x 1 inches (packaging)
Standards Met	ANSI/ASME
UPC	840129906346

WARRANTY AND SUPPORT

ARES stands behind the quality of its tools. The ARES Flexible Socket Extension Set is backed by our Performance Assurance Limited Lifetime Warranty. If you experience any issues with your product, please contact ARES customer service for assistance with troubleshooting, parts, replacement, or refund.

ARES is also a proud participant in the ASPCA Business Ambassador Program, supporting the ASPCA's mission to save lives.

Image: The ASPCA Business Ambassador logo for 2025, indicating ARES's support for the organization.

Related Documents - 42073

[Ares Z Line 7" FPV Monitor Instruction Manual](#)
Comprehensive instruction manual for the Ares Z Line 7" Standard Definition FPV Monitor. Covers setup, features, safety advice, specifications, and warranty information for the AZSZ1020 model.

[ARES Master Cylinder Adapter Kit User Manual](#)
User manual for the ARES Master Cylinder Adapter Kit, providing detailed instructions for assembly, operation, maintenance, safety precautions, and specifications. Includes a comprehensive package list.

[ARES zClock-6000 Hidden Wireless Camera Quick Start Guide](#)
Quick start guide for the ARES zClock-6000, a desk clock with a hidden wireless camera. Learn how to install the battery, set up the Tuya Smart app, connect to Wi-Fi, configure the alarm clock, and manage device settings.

[ARES 32PC Cooling System Pressure Tester & Vacuum-Type Coolant Refill Kit - Operations Manual](#)
This operations manual provides detailed instructions for the ARES 32PC Cooling System Pressure Tester & Vacuum-Type Coolant Refill Kit. It covers features, specifications, safety warnings, step-by-step operating procedures for vacuum-type coolant refilling and pressure testing, radiator cap testing, and a comprehensive list of vehicle applications.

[Ares Gamma Pro V2 RC Airplane Instruction Manual](#)
Comprehensive instruction manual for the Ares Gamma Pro V2 Radio Controlled airplane, covering assembly, flight controls, NFP system, battery charging, and warranty.