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› Stahlwille 96502053 Torque Wrench Set Instruction Manual

Stahlwille 730R/40 32 TLG.

Stahlwille 96502053 Torque Wrench Set Instruction Manual

Model: 730R/40 32 TLG.

INTRODUCTION

This instruction manual provides essential information for the safe and effective use, setup, operation, maintenance, and troubleshooting of your Stahlwille 96502053 32-Piece Torque Wrench Set. Please read this manual thoroughly before using the product and retain it for future reference. Proper use ensures the longevity and accuracy of your tools.

SAFETY INFORMATION

Always observe the following safety precautions to prevent injury and damage to the tools or workpiece:

- Wear appropriate personal protective equipment, such as safety glasses, when operating tools.
- Ensure the torque wrench is clean and in good working condition before each use.
- Do not exceed the maximum torque capacity of the wrench (400 Nm).
- Avoid using the torque wrench as a standard ratchet or breaker bar.
- Keep hands and fingers clear of moving parts and pinch points.
- Store the torque wrench in its case in a dry, secure location when not in use.
- Do not attempt to repair or modify the torque wrench yourself. Refer to qualified service personnel.

PACKAGE CONTENTS

Your Stahlwille 96502053 Torque Wrench Set includes the following components, housed in a durable ABS plastic case:

- 1 x Service-MANOSKOP No 730/40 Quick Torque Wrench (80-400 Nm)
- 1 x Ratchet Insert Tool No 735/20, reversible, 1/2" D-drive
- 1 x Square Drive Insert Tool No 734/20
- 7 x Open-Ended Insert Tools No 731/40 (various sizes, including 30mm)
- 1 x Open-Ended Insert Tool No 3731/40
- 7 x Ring Insert Tools No 732/40
- 10 x Bi-Hexagon Sockets No 50

- 4 x Accessories



The Stahlwille 96502053 Torque Wrench Set, Model 730R/40 32 TLG., stored in its robust green ABS plastic case.

SETUP

1. **Unpacking:** Carefully remove all components from the ABS plastic case. Inspect each tool for any signs of damage.
2. **Selecting an Insert Tool:** Choose the appropriate ratchet, square drive, open-ended, or ring insert tool for your application.
3. **Attaching the Insert Tool:** Securely attach the selected insert tool to the Service-MANOSKOP torque wrench head. Ensure it clicks firmly into place.
4. **Setting the Torque Value:** Refer to the torque wrench's scale to set the desired torque value within the 80-400 Nm range. Follow the specific instructions provided with the Service-MANOSKOP for precise adjustment.

OPERATING INSTRUCTIONS

1. **Prepare the Fastener:** Ensure the fastener and mating surface are clean and free of debris.
2. **Position the Wrench:** Place the attached insert tool onto the fastener, ensuring a snug fit.
3. **Apply Torque:** Apply steady, smooth pressure to the torque wrench handle. Pull or push the handle until you feel and/or hear a distinct click. This click indicates that the preset torque value has been reached.
4. **Release Pressure:** Immediately stop applying force once the click is detected.
5. **Reset (if applicable):** For some applications, the torque wrench may need to be reset or re-engaged for subsequent fasteners. Consult the specific instructions for the Service-MANOSKOP model.

Important: Always apply force to the handle in a manner that allows for a clear detection of the click mechanism. Do not continue to apply force after the click has occurred.

MAINTENANCE

- **Cleaning:** After each use, wipe down the torque wrench and all accessories with a clean, dry cloth. Avoid using harsh chemicals or solvents that could damage the finish or internal mechanisms.
- **Storage:** Store the torque wrench in its original ABS plastic case in a dry, temperature-controlled environment. For long-term storage, it is recommended to set the torque wrench to its lowest setting to relieve spring tension.
- **Calibration:** Torque wrenches are precision instruments and require periodic calibration to maintain accuracy. Refer to Stahlwille's recommendations or a certified calibration service for calibration intervals.
- **Inspection:** Regularly inspect the tools for any signs of wear, damage, or corrosion. Replace worn or damaged components immediately.

TROUBLESHOOTING

If you encounter issues with your torque wrench set, consider the following:

- **Inaccurate Torque Readings:** Ensure the torque wrench is properly calibrated. Verify that the correct torque value has been set. Check for any damage to the wrench or insert tools.
- **No Click Sensation:** Confirm that the torque value is set above the minimum range. Ensure you are applying steady, increasing force. The click may be less pronounced at lower torque settings.
- **Difficulty Attaching/Detaching Insert Tools:** Ensure the release mechanism is fully engaged or disengaged. Clean any debris from the connection points.

For issues not resolved by these steps, contact Stahlwille customer support or a qualified service center.

SPECIFICATIONS

Model Number	730R/40 32 TLG.
Torque Range	80 - 400 Newton Meters (Nm)
Material	Alloy Steel (HPQ® high-performance steel), Chrome Plated
Case Material	ABS Plastic
Item Length	640 Millimeters
Item Weight	9.74 Kilograms
Head Style	Open End (for specific insert tools)
Operation Mode	Mechanical
Finish Type	Powder Coated (case)
Origin	Made in Germany

WARRANTY AND SUPPORT

Stahlwille products are manufactured in Germany to high-quality standards. For specific warranty information, service, or technical support, please refer to the official Stahlwille website or contact your authorized Stahlwille dealer. Keep your purchase receipt as proof of purchase.

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