

Westcott W-248

Westcott 8ths Graph Ruler Instruction Manual

Model: W-248 | Brand: Westcott

INTRODUCTION

The Westcott 8ths Graph Ruler (Model W-248) is a precision drafting and drawing tool designed for students and professionals. This transparent ruler features scales in 16ths of an inch and millimeter graduations, making it versatile for various measurement and design tasks. Its flexible and laminated construction ensures durability and ease of use.

PRODUCT OVERVIEW

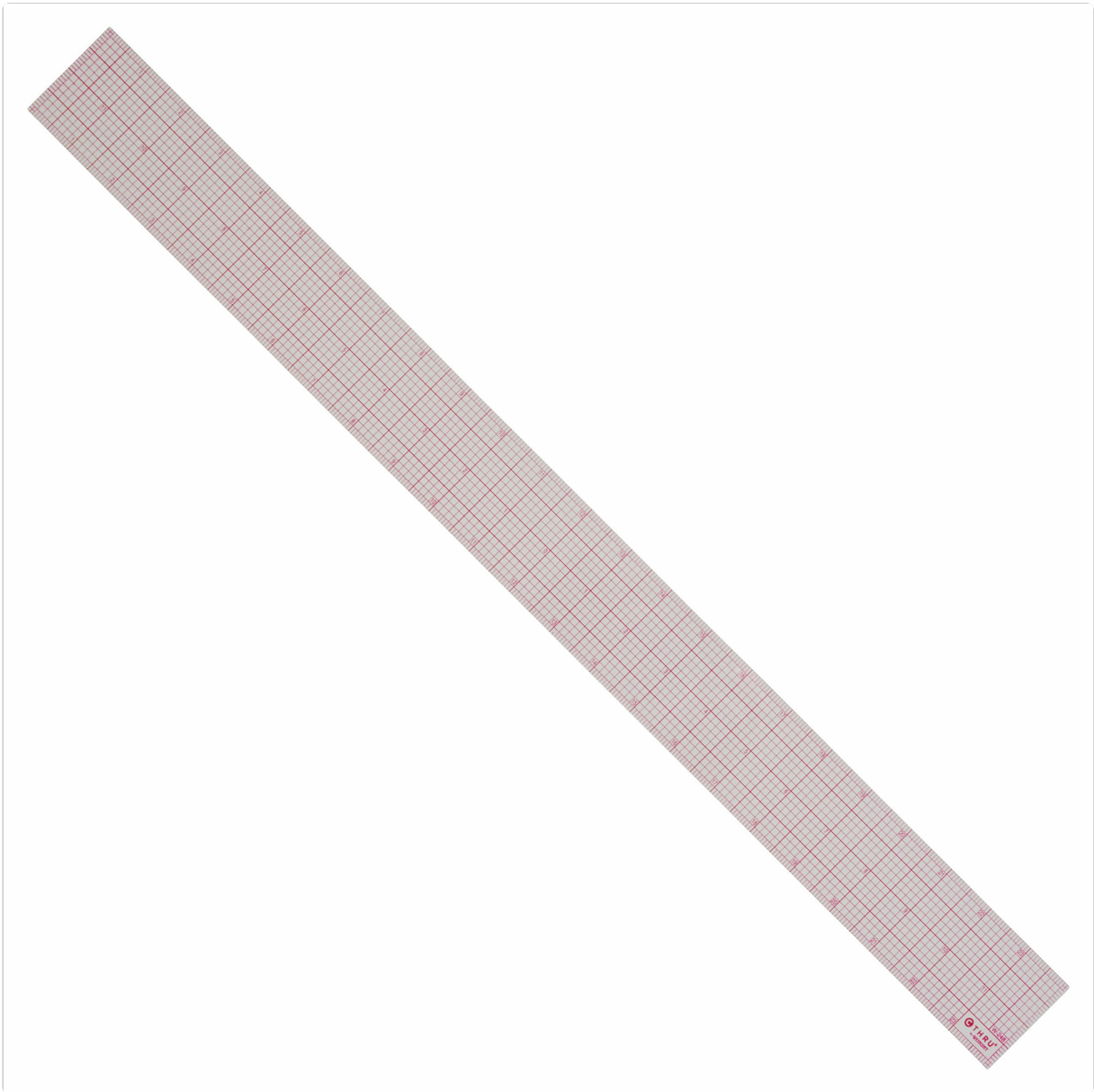


Figure 1: Westcott 8ths Graph Ruler (W-248)

This image displays the transparent Westcott 8ths Graph Ruler, showing its full length and the detailed grid markings. The ruler is clear with red grid lines, indicating both imperial (inches) and metric (millimeters) measurements.

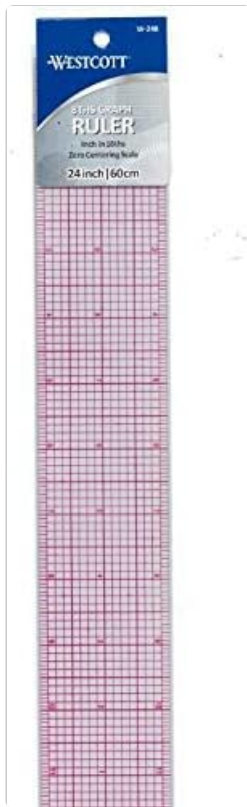


Figure 2: Westcott 8ths Graph Ruler in Packaging

This image shows the Westcott 8ths Graph Ruler still in its retail packaging. The packaging highlights the brand name and key specifications like "24 inch | 60cm".

Key Features:

- **Dual Measurement Scales:** Features 8ths graph scales, 16ths to the inch, and millimeter graduations for comprehensive measuring needs.
- **Zero Centering Scale:** Allows for easy measurement equally left and right from a centered starting point, ideal for symmetrical designs.
- **Transparent Design:** Enables clear viewing through to the page, facilitating precise alignment and placement.
- **Durable Construction:** Made from very light and flexible plastic, laminated for enhanced durability and longevity.
- **Optimal Size:** Measures 2 inches by 24 inches, providing ample length for various drafting and drawing applications.

SETUP

The Westcott 8ths Graph Ruler is designed for immediate use upon removal from its packaging. No assembly or special setup is required.

1. Carefully remove the ruler from its protective packaging.
2. Inspect the ruler for any visible damage or defects. If any are found, refer to the Warranty and Support section.
3. The ruler is now ready for use.

OPERATING INSTRUCTIONS

This ruler is a versatile tool for various drafting, drawing, and measuring tasks. Below are common uses:

1. Basic Measurement:

- Place the ruler flat on the surface of the material to be measured.
- Align the '0' mark of the desired scale (inches or millimeters) with the starting point of your measurement.
- Read the measurement at the endpoint. The transparent design allows for precise alignment with underlying lines or objects.

2. Drawing Straight Lines:

- Position the ruler firmly on your drawing surface where you intend to draw a line.
- Hold the ruler securely to prevent slipping.
- Use a pencil, pen, or other drawing instrument to draw along the edge of the ruler.

3. Utilizing the Zero Centering Scale:

- Locate the '0' mark in the center of the ruler's zero centering scale.
- Align this central '0' mark with the point from which you wish to measure outwards symmetrically.
- Measurements can then be read equally to the left and right of the center point, simplifying tasks requiring symmetry.

4. Using Graph Markings:

- The grid lines (8ths graph and 16ths to the inch) are useful for drawing parallel lines, creating grids, or aligning objects precisely.
- Align one of the grid lines with an existing line or edge on your paper.
- Use the other grid lines to draw parallel lines at desired intervals.

MAINTENANCE AND CARE

Proper care will extend the life and maintain the accuracy of your Westcott ruler.

- **Cleaning:** Wipe the ruler with a soft, damp cloth to remove dust, pencil marks, or smudges. Avoid abrasive cleaners or harsh chemicals, as these may damage the plastic or markings.
- **Storage:** Store the ruler flat in a clean, dry place to prevent warping or bending. Avoid exposing it to extreme temperatures or direct sunlight for prolonged periods.
- **Handling:** While flexible, avoid excessive bending or creasing to prevent permanent damage to the ruler or its lamination.

TROUBLESHOOTING

Most issues with a graph ruler are related to physical damage or improper use. Here are some common concerns and their resolutions:

Problem	Possible Cause	Solution
Ruler appears warped or bent.	Improper storage, exposure to heat, or excessive force.	If minor, try storing flat under a heavy object for a few days. If severe, the ruler may need replacement. Prevent by storing flat and avoiding heat.

Problem	Possible Cause	Solution
Markings are fading or scratched.	Abrasive cleaning, rough handling, or prolonged heavy use.	Ensure only soft cloths and mild cleaners are used. Handle with care. If markings are illegible, replacement is recommended for accurate work.
Difficulty reading measurements.	Poor lighting, smudges on the ruler, or incorrect alignment.	Ensure adequate lighting. Clean the ruler thoroughly. Double-check alignment of the '0' mark and your eye level to avoid parallax error.




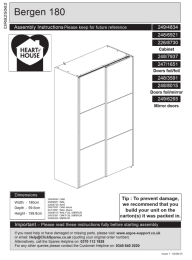

SPECIFICATIONS


Attribute	Detail
Brand	Westcott
Model Number	W-248
Dimensions	24 x 2 x 0.1 inches (60.96 x 5.08 x 0.25 cm)
Material	Plastic
Color	Transparent
Scales	8ths graph, 16ths to the inch, Millimeter graduations
Special Features	Zero centering scale, Flexible, Laminated
Item Weight	0.352 ounces (9.98 grams)
Contents	1 x Westcott 8ths Graph Ruler

WARRANTY AND SUPPORT

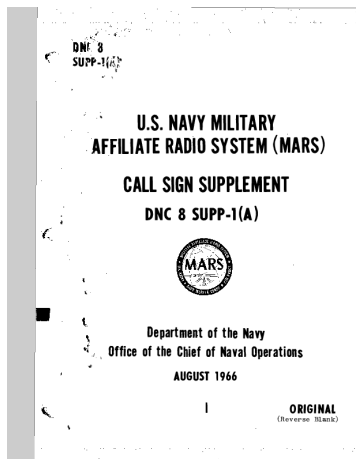
Westcott products are manufactured to high-quality standards. For specific warranty information, product support, or to report any issues, please refer to the official Westcott website or contact their customer service directly. Keep your purchase receipt as proof of purchase. For more information, visit: www.westcottbrand.com

Related Documents - W-248

 <p>W 2000 W 2200-230 WX 2000</p> <p>metabo</p> <p>www.metabo.com</p>	<p>Metabo W 2000, W 2200-230, WX 2000 Angle Grinder Operating Manual</p> <p>Comprehensive operating instructions and safety guide for Metabo W 2000, W 2200-230, and WX 2000 angle grinders, covering specifications, usage, maintenance, and safety warnings.</p>
 <p>westcott. u60-B</p> <p>QUICK START GUIDE</p>	<p>Westcott u60-B LED Light Quick Start Guide & Setup Instructions</p> <p>Get started with your Westcott u60-B LED Light. This guide provides setup, operation, assembly, and warranty information for the u60-B light and its modifiers.</p>
 <p>westcott. ClickBox™</p> <p>QUICK START GUIDE</p>	<p>Westcott ClickBox Quick Start Guide and Warranty Information</p> <p>A comprehensive guide to setting up, assembling, using, and maintaining the Westcott ClickBox softbox, including detailed instructions, component overview, warnings, and warranty terms.</p>
 <p>Bergen 180</p> <p>HEART OF HOUSE</p>	<p>Bergen 180 Sliding Door Wardrobe Assembly Instructions</p> <p>Comprehensive assembly guide for the Heart of House Bergen 180 sliding door wardrobe, detailing parts, fittings, and step-by-step instructions for safe and correct setup.</p>
 <p>Mitsubishi Heavy Industries</p> <p>AIR CONDITIONER</p>	<p>Mitsubishi Heavy Industries Air Conditioner User's Manual</p> <p>Comprehensive user manual for Mitsubishi Heavy Industries split-type air conditioners, covering operation, safety, maintenance, troubleshooting, and model information for SRK, SKM, SRC, and SCM series.</p>

	<p>Hilti X-DFC-W 8 MX Fastening Tool Operating Instructions</p> <p>Concise guide to operating the Hilti X-DFC-W 8 MX fastening tool, including installation steps and safety information. Learn how to use the BX 3-ME and GX 3-ME models.</p>
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Documents - Westcott – W-248



[U.S. Navy Military Affiliate Radio System \(MARS\) Call Sign Supplement DNC 8 SUPP-1\(A\)](#)

This document is the U.S. Navy Military Affiliate Radio System (MARS) Call Sign Supplement, DNC 8 SUPP-1(A), published in August 1966 by the Department of the Navy. It serves as a directory of assigned call signs, member names, and addresses, essential for MARS operations and communication.

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