

Yato YT-0390

Yato YT-0390 Double Ring Spanner

User Manual

1. INTRODUCTION

This user manual provides essential information for the safe and effective use, maintenance, and care of your Yato YT-0390 Double Ring Spanner. Please read this manual thoroughly before using the tool to ensure proper operation and to prevent injury or damage.

2. PRODUCT OVERVIEW

The Yato YT-0390 is a high-quality double-end ring spanner designed for professional and DIY use. It features two different ring sizes, 20mm and 22mm, making it versatile for various fastening applications. Manufactured from durable Chrome Vanadium steel, it conforms to DIN 838 standards, ensuring reliability and longevity.



Figure 2.1: The Yato YT-0390 Double Ring Spanner, showing its two ring ends.

3. SPECIFICATIONS

The following table details the technical specifications of the Yato YT-0390 Double Ring Spanner:

Specification	Detail
Model Number	YT-0390
Key-widths	20 mm and 22 mm
Total Length	290 mm

Specification	Detail
Material	Chrome Vanadium Steel (CrV)
Standard	DIN 838
Finish	Chrome
Item Weight	50 Grams (approx. 1.76 ounces)
Product Dimensions	3.94 x 3.94 x 1.97 inches (packaged)

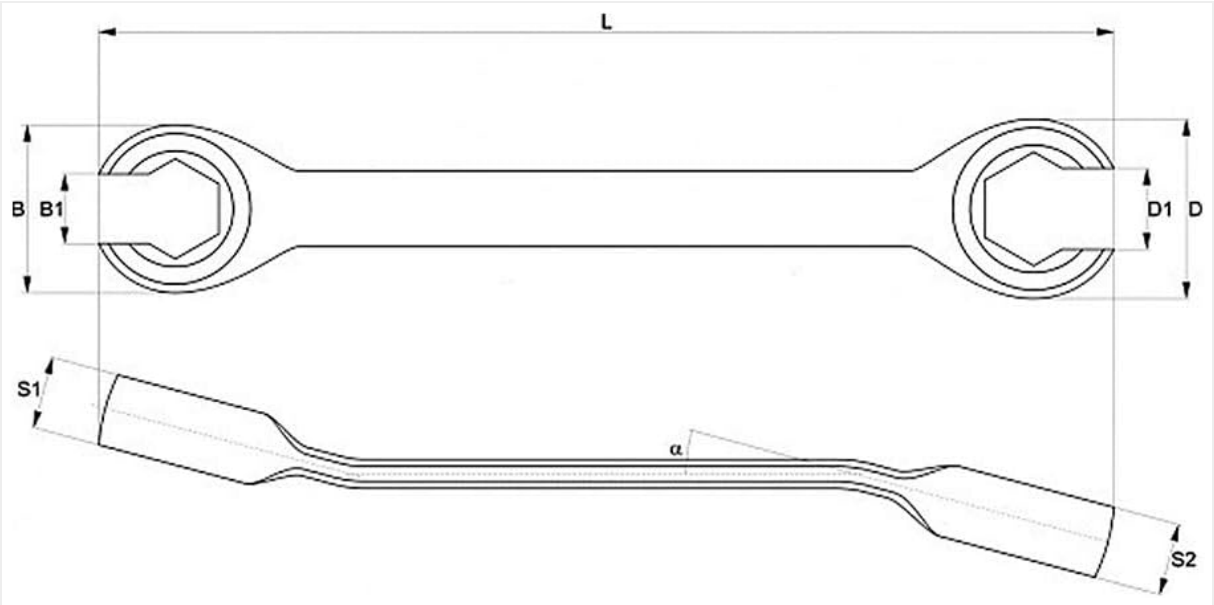




Figure 3.1: Technical drawing illustrating the dimensions of the double ring spanner.

YATO 	 (mm)	L (mm)	B (mm)	D (mm)	S1 (mm)	S2 (mm)
YT-0383	6x7	165	11.0	12.7	5.4	5.5
YT-0384	8x9	185	13.9	15.5	6.8	7.2
YT-0385	10x11	200	16.3	17.6	6.8	7.2
YT-0386	12x13	220	19.6	21.5	7.2	7.7
YT-0387	14x15	230	23.6	21.9	8.9	9.1
YT-0388	16x17	255	24.6	26.4	8.6	9.3



YATO 	 (mm)	L (mm)	B (mm)	D (mm)	S1 (mm)	S2 (mm)
YT-0389	18x19	270	27.5	28.8	10.5	10.2
YT-0390	20x22	290	30.9	33.4	10.5	11.4
YT-0391	21x23	310	31.9	34.4	11.8	12.4
YT-0392	24x27	330	36.2	40.6	11.5	13.2
YT-0394	30x32	390	44.0	47.1	13.8	14.9

Figure 3.2: Table showing various Yato double ring spanner models and their specific dimensions. The YT-0390 model is highlighted with key-widths 20x22mm and a total length of 290mm.

4. OPERATING INSTRUCTIONS

The Yato Double Ring Spanner is designed for tightening and loosening nuts and bolts. Follow these general guidelines for effective use:

1. **Select the Correct Size:** Ensure the ring end of the spanner precisely matches the size of the nut or bolt head (either 20mm or 22mm). Using an incorrect size can damage the fastener and the tool.
2. **Proper Engagement:** Fully seat the ring end over the fastener. The ring design provides a secure grip on all sides of the fastener, reducing the risk of slipping.
3. **Apply Force:** Apply steady, even pressure to the spanner handle. For tightening, turn clockwise; for loosening, turn counter-clockwise. Avoid sudden jerking motions.
4. **Leverage:** For stubborn fasteners, apply force closer to the end of the handle for maximum leverage. Do not extend the handle with pipes or other tools unless specifically designed for such use, as this can overstress the spanner.
5. **Inspection:** Before each use, inspect the spanner for any signs of damage, cracks, or wear. Do not use a damaged tool.

5. MAINTENANCE

Proper maintenance will extend the life of your Yato Double Ring Spanner:

- **Cleaning:** After each use, wipe the spanner clean of any dirt, grease, or debris. A clean cloth is usually sufficient. For stubborn grime, a mild degreaser can be used, followed by thorough drying.
- **Lubrication:** While not strictly necessary for a spanner, a light coat of rust-preventative oil can be applied periodically, especially if storing in a humid environment.
- **Storage:** Store the spanner in a dry place, away from moisture and corrosive chemicals. A tool box or drawer is ideal to protect it from impacts and scratches.
- **Inspection:** Regularly inspect the spanner for any signs of rust, pitting, or deformation. Address any issues promptly.

6. SAFETY INFORMATION

Always observe the following safety precautions when using hand tools:

- **Wear Eye Protection:** Always wear safety glasses or goggles to protect your eyes from flying debris.
- **Use the Right Tool for the Job:** Do not use the spanner for purposes other than tightening or loosening fasteners. Do not use it as a hammer, pry bar, or chisel.
- **Inspect Tool Before Use:** Never use a damaged or worn spanner. A damaged tool can slip and cause injury.
- **Maintain Good Grip:** Ensure you have a firm grip on the spanner handle to prevent slipping.
- **Avoid Over-tightening:** Do not apply excessive force that could strip the fastener or damage the tool.
- **Keep Hands Clear:** Position your hands to avoid pinching or striking them against other objects or surfaces.

7. TROUBLESHOOTING

While the Yato Double Ring Spanner is a simple and robust tool, minor issues can occur:

- **Spanner Slips on Fastener:**

- Ensure you are using the correct size spanner for the fastener.
- Check if the fastener head is rounded or damaged. If so, specialized tools may be required.
- Inspect the spanner's ring for wear or damage. Replace if necessary.

- **Fastener is Too Tight:**

- Apply penetrating oil to the fastener and allow it to soak.
- Ensure you are applying force in the correct direction (counter-clockwise for loosening).
- Consider using a longer handle wrench or a breaker bar if available and appropriate for the fastener.

8. WARRANTY AND SUPPORT

Yato tools are manufactured to high standards and are designed for durability. For information regarding warranty coverage, product support, or to inquire about replacement parts, please refer to the official Yato website or contact your local Yato distributor. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the [Yato official website](#).