

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

- › [BESSEY](#) /
- › [BESSEY MMS-8, 8 In., All Steel Clamp User Manual](#)

BESSEY T23269

BESSEY MMS-8, 8 In., All Steel Clamp User Manual

Model: T23269

1. PRODUCT OVERVIEW

The BESSEY MMS-8 is an 8-inch all-steel clamp designed for robust and reliable workholding. Known for its durability and precision, this clamp is a versatile tool suitable for various applications in woodworking, metalworking, and general shop use. Its unique construction from a single piece of cold-drawn steel ensures exceptional strength and longevity.







Figure 1: Front view of the BESSEY MMS-8 All Steel Clamp, showcasing its robust design and galvanized finish.

Key Features:

- **All-Steel Construction:** Clamp rail and fixed jaw are crafted from a single piece of BESSEY cold-drawn steel, ensuring superior strength and rigidity.
- **Heat-Treated Rail:** After bending and forming, the rails are heat-treated for maximum strength and resistance to deformation.
- **Electro-Galvanized Sliding Arm:** The drop-forged, electro-galvanized steel sliding arm provides smooth operation and corrosion resistance.
- **Standard Swivel Pressure Pads:** Equipped with durable swivel pressure pads for secure and even clamping force distribution.
- **Steel Sliding T-Bar Handle:** Ergonomically designed T-bar handle allows for comfortable and efficient tightening.
- **High Clamping Pressure:** Capable of generating up to 660 lbs of clamping force, making it significantly stronger and faster than traditional C-clamps.



Figure 2: Side view of the BESSEY MMS-8 clamp, highlighting the sliding arm and screw mechanism.

2. SETUP

The BESSEY MMS-8 clamp is designed for immediate use with minimal setup. Before first use, inspect the clamp for any signs of shipping damage. Ensure all components, including the fixed jaw, sliding arm, screw, and handle, are securely in place and operate smoothly.

- **Unpacking:** Carefully remove the clamp from its packaging.
- **Initial Inspection:** Check for any loose parts or visible damage.
- **Familiarization:** Operate the sliding arm and screw mechanism a few times to understand its movement and ensure smooth action.

3. OPERATING INSTRUCTIONS

Using the BESSEY MMS-8 clamp is straightforward. Always ensure the workpiece is stable and properly supported before applying clamping pressure.



Figure 3: Close-up view of the screw mechanism and swivel pad, demonstrating the precision engineering.

1. **Positioning the Sliding Arm:** Loosen the T-bar handle slightly. Slide the movable jaw along the rail until it is close to your workpiece.
2. **Securing the Workpiece:** Place the clamp over the workpiece, ensuring both the fixed jaw and the swivel pressure pad are in full contact with the surfaces to be clamped.
3. **Applying Pressure:** Turn the T-bar handle clockwise to tighten the screw and apply clamping pressure. Apply only enough pressure to securely hold the workpiece without causing damage. The precision of the screw allows for fine adjustments.
4. **Releasing the Clamp:** Turn the T-bar handle counter-clockwise to release the pressure, then slide the movable jaw away from the workpiece.

Note: For delicate surfaces, consider using protective pads between the clamp jaws and the workpiece to prevent marring.

4. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your BESSEY MMS-8 clamp.

- **Cleaning:** After each use, wipe down the clamp with a clean, dry cloth to remove any dust, debris, or moisture.
- **Lubrication:** Periodically apply a light coat of machine oil to the screw threads and the sliding mechanism to ensure smooth operation and prevent rust.
- **Storage:** Store the clamp in a dry environment to prevent corrosion.
- **Inspection:** Regularly inspect the clamp for any signs of wear, damage, or bending. Do not use a damaged clamp.

5. TROUBLESHOOTING

Most issues with the BESSEY MMS-8 clamp can be resolved with simple checks.

- **Clamp not holding securely:** Ensure the workpiece is clean and free of oils or debris. Verify that the swivel pressure pads are making full contact. Apply adequate, but not excessive, pressure.
- **Screw mechanism stiff or difficult to turn:** The screw threads may be dirty or require lubrication. Clean the threads thoroughly and apply a suitable lubricant.
- **Sliding arm sticking:** The rail may be dirty or require lubrication. Clean the rail and apply a light lubricant. Ensure no debris is lodged in the sliding mechanism.

6. SPECIFICATIONS





Figure 4: BESSEY MMS-8 clamp with its product tag, showing key specifications.

Specification	Value
Brand	BESSEY
Model Number	T23269 (MMS-8)
Material	Alloy Steel
Color	Bright Galvanized
Item Dimensions (L x W x H)	8 x 4 x 2.67 inches
Item Weight	0.7 Pounds (11.2 ounces)
Tensile Strength / Clamping Pressure	660 Pounds
Capacity	8 inches
Throat Depth	2-1/2 inches
UPC	788502009997, 787721111894
Manufacturer	Bessey
Included Components	Unit, Instruction Guide



MS-8

00 lbs.

20B6ZK

Misuse of clamps may cause injury



8 x 2 1/4 in.

200 x 60 mm

BESSEY

■ Serre-joints à bras coulissant en
profilé et en acier recuit
**L'usage inadéquat peut causer des
blessures**

■ Abrazaderas con brazo corredizo perfila-
do y en acero recalentado
Use no adecuado puede causar dano

Distributed/Distribué/Distributado:
BESSEY® Tools North America
Canada: Cambridge, ON N1R 7J4
USA: Leroy, NY 14482
1-800-828-1004

Made in Germany
Fabriqué en Allemagne
Hecho en Alemania

30 07604 d



7 88502 00999 7

MMS-8 www.besseytools.com

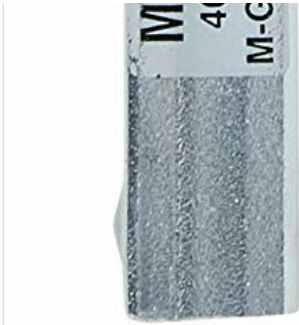



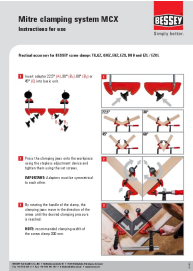


Figure 5: Back view of the BESSEY MMS-8 clamp, showing the barcode and manufacturing details.

7. WARRANTY AND SUPPORT

BESSEY products are manufactured to high standards of quality and durability. For specific warranty information, please refer to the warranty card included with your product or visit the official BESSEY website. If you encounter any issues or require technical assistance, please contact BESSEY customer support through their official channels.

For further information and product registration, please visit: www.bessey.com

Related Documents - T23269

	<p>BESSEY Complete Catalogue 2024/2025: Clamping and Cutting Technology</p> <p>Explore the comprehensive BESSEY 2024/2025 catalogue, featuring a wide range of high-quality clamping and cutting tools for industrial and professional applications. Discover innovative solutions for woodworking, metalworking, and construction.</p>
	<p>BESSEY MCX Mitre Clamping System: Instructions for Use</p> <p>Step-by-step guide for the BESSEY MCX Mitre Clamping System, detailing adapter insertion, workpiece clamping, and pressure application for precise mitre joints. Compatible with various BESSEY screw clamps.</p>
	<p>BESSEY BAN700 Band Clamp and Vario Angles BVE Operating Instructions</p> <p>Comprehensive operating instructions, technical specifications, and safety warnings for the BESSEY BAN700 Band Clamp and BESSEY Vario Angles BVE, designed for secure and precise clamping of various shapes in workshops.</p>
	<p>BESSEY D92-750 Bolt Cutters Safety Instructions and Warnings</p> <p>Essential safety guidelines and warnings for BESSEY D92-750 bolt cutters. Covers proper usage, child safety, and handling of packaging materials. Includes manufacturer details.</p>

