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## Mannesmann M10805

# Brüder-Mannesmann Elektronik Round-Nose Pliers 120 mm (Model M10805) User Manual

Precision Hand Tool for Crafting, Electronics, and Fine Mechanics

## INTRODUCTION

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The Brüder-Mannesmann Elektronik Round-Nose Pliers are designed for precision tasks such as bending wires, shaping craft materials, and securely holding small objects. They are particularly suitable for crafting, precision mechanics, and electronics applications, offering reliable performance for intricate work.



*This image shows the Brüder-Mannesmann Elektronik Round-Nose Pliers with blue ergonomic handles and polished metal body, featuring the conical jaws and internal spring mechanism.*

## **SAFETY INSTRUCTIONS**

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To ensure safe operation and prevent injury or damage to the tool, please observe the following safety guidelines:

- Always wear appropriate eye protection when using hand tools to guard against flying debris.
- Inspect the pliers for any signs of damage, wear, or defects before each use. Do not use damaged tools.
- Do not use these pliers for tasks beyond their intended design, such as cutting hardened steel or prying heavy objects.
- Keep the tool clean and free from grease or oil to maintain a secure grip.
- Store pliers in a dry, secure location, out of reach of children and pets.
- Avoid applying excessive force that could damage the tool or the workpiece.

## SETUP

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The Brüder-Mannesmann Elektronik Round-Nose Pliers are designed for immediate use and require no assembly.

- Remove the pliers from their packaging.
- Inspect the jaws to ensure they open and close smoothly without obstruction.
- Verify that the internal spring mechanism provides consistent tension for easy operation.

## OPERATING INSTRUCTIONS

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These round-nose pliers are versatile for various precision tasks. Here are common applications:

- **Bending Wires:** Position the wire between the conical jaws. The tapered design allows for creating loops and curves of various diameters. Apply gentle, even pressure to shape the wire as desired.
- **Crafting and Jewelry Making:** Ideal for forming loops on headpins, eye pins, and creating intricate wire designs for jewelry, models, and other craft projects.
- **Holding Small Objects:** The fine tips provide a secure grip on small components, making them easier to manipulate, position, or retrieve in confined spaces.
- **Electronics Work:** Suitable for delicate tasks in electronics, such as shaping component leads, working with fine wires, or making small adjustments to circuit boards.



An angled view of the Brüder-Mannesmann Elektronik Round-Nose Pliers, highlighting the tapered jaws and the comfortable blue rubberized grips.

## MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your pliers:

- **Cleaning:** After each use, wipe the pliers clean with a dry, soft cloth to remove any dirt, dust, or residue.
- **Lubrication:** Periodically apply a small drop of light machine oil to the pivot point to maintain smooth operation and prevent rust. Work the handles to distribute the oil.
- **Storage:** Store the pliers in a dry environment to prevent corrosion. Keeping the jaws closed when not in use can help protect the tips from damage.
- **Inspection:** Regularly check the jaws for alignment and any signs of wear or damage. Ensure the internal spring is intact and functional.

## TROUBLESHOOTING

If you encounter any issues with your pliers, consider the following:

- **Pliers feel stiff or difficult to open/close:** Apply a small amount of lubricant to the pivot point and work the handles repeatedly to distribute the oil.
- **Jaws do not meet perfectly:** Inspect for any foreign material lodged between the jaws. If the pliers appear bent or misaligned due to damage, discontinue use.
- **Rust formation:** If minor rust appears, it can often be removed with a fine abrasive pad or rust remover, followed by lubrication. Ensure proper dry storage to prevent recurrence.

## SPECIFICATIONS

<b>Model</b>	M10805
<b>Type</b>	Elektronik Round-Nose Pliers
<b>Length</b>	120 mm
<b>Brand</b>	Brüder-Mannesmann
<b>Handle Material</b>	Rubber (Gummi)
<b>Grip Type</b>	Ergonomic
<b>Features</b>	Non-slip handles, Honed head, Smooth action, Internal spring
<b>Item Weight</b>	Approximately 0.06 Kilograms (2.08 ounces)
<b>Product Dimensions</b>	1.97 x 0.39 x 4.92 inches
<b>GTIN (UPC)</b>	<a href="#">4003315080022</a>



BRÜDER  
**MANESMANN**<sup>®</sup>  
WERKZEUGE

**Qualitäts-Werkzeuge**

**Elektronik-Rundzange**

120mm, mit Doppelfeder, Kopf poliert  
Griffe mit rutschfester Beschichtung



Art.-No. 10805

The front of the retail packaging for the Brüder-Mannesmann Elektronik Round-Nose Pliers, showing the product through a clear blister pack and displaying the brand logo and product specifications in German.



*The back of the retail packaging for the Brüder-Mannesmann Elektronik Round-Nose Pliers, featuring the UPC barcode (4003315080022) and manufacturer details.*

## **WARRANTY AND SUPPORT**

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For warranty information or technical support regarding your Brüder-Mannesmann Elektronik Round-Nose Pliers, please refer to the manufacturer's official website or contact your authorized retailer. It is recommended to retain your purchase receipt as proof of purchase.

**Manufacturer:** Brüder Mannesmann Werkzeuge

**Part Number:** M10805