

## Mandrel Bend Test – 17-Cylinder Set

### Precision Cylindrical Bending for Automotive & Coating Standards

The **17-Cylinder Mandrel Bend Test** is a **comprehensive solution** for evaluating the **flexibility and adhesion** of coatings in accordance with **DIN and ASTM standards**. This test is widely used in the **automotive industry**, including **Peugeot and other vehicle manufacturers**, as well as in **industrial coating applications**.

#### ◆ Key Features:

- ✓ **Complete 17-cylinder set** (sizes ranging from **4mm to 20mm**)
- ✓ **Adjustable lever handle** for precision testing
- ✓ **Maximum standard length** for consistent results
- ✓ **14 cm wide entry plate** with enhanced accessibility
- ✓ **Protective cover coating** for durability

Also known as the **Cylindrical Bend Test** or **Mandrel Coating Flexibility Test**, this equipment ensures coatings meet industry standards by evaluating their resistance to cracking and delamination.

## Mandrel Bending of Aluminum Profiles

In **mandrel bending**, a **supporting metal rod (mandrel)** is inserted into **hollow metal tubes** to **prevent deformation** during the bending process. This method eliminates common issues such as **wrinkling, flattening, and structural distortion**, ensuring precise and high-quality bends.

#### ✦ Ideal for:

- ✓ **Automotive Coatings** – Quality control in vehicle manufacturing
- ✓ **Industrial Coatings** – Ensuring adhesion & flexibility of protective layers
- ✓ **Metal Forming** – Precision bending of aluminum and steel profiles

For **inquiries and orders**, contact us today! 📞

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#### 🌐 Websites:

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