

Bakelite Three-Spoke Handwheel

Bakelite handwheels are used for manual control and adjustment in machine tools. They come in various sizes and designs, including three-spoke and solid configurations with fixed or rotating handles.



Product Overview

High-Performance Bakelite Handwheels

These three-spoke handwheels are crafted from high-quality phenolic plastic, offering a robust and cost-effective solution for manual control applications. Renowned for their mechanical strength, heat resistance, and excellent insulation properties, they are ideal for demanding industrial environments. Their durable surface finish and stable dimensions ensure long-term reliability across a wide range of machinery and equipment.

Material & Physical Properties

Mechanical Strength

90 MPa

Min Strength

150 MPa

Max Strength

Available Colors

Red • White • Black

Material Density

1.45 g/cm²

Manufacturing

Molding Process

Thermosetting molding, Injection molding

Surface Finish

Polished

Key Features

Performance Features

- High mechanical strength and wear resistance
- Excellent dimensional stability and color durability
- Heat-retardant and flame-retardant properties
- Corrosion-resistant and superior electrical insulation
- Suitable for hot and humid operating conditions

Applications

Typical Applications

- Furniture components
- Teaching aids
- Mechanical machine tools
- Home appliance audio equipment
- Medical equipment
- Kitchen appliances
- Entertainment toys