

A **polishing wheel** (also called a buffing wheel) is a rotary tool accessory used to remove scratches, smooth surfaces, and bring a mirror-like shine to metals, plastics, wood, and glass. To achieve the best results, you must pair the correct wheel material with an appropriate polishing compound. [\[1, 2, 3, 4, 5\]](#)

Types of Polishing Wheels

The stiffness and material of the wheel determine how aggressively it cuts or shines the surface: [\[1\]](#)

- **Sisal Wheels:** Made of stiff, natural fibres. These are highly aggressive and used with coarse compounds for heavy scratch removal on hard metals like stainless steel. [\[1, 2, 3, 4\]](#)
 - **Spiral Sewn Cotton Wheels:** Stitched tightly from the center outward. This design makes the wheel firm and allows you to apply more pressure during the initial "cutting" stage to clear away oxidation. [\[1, 2, 3, 4, 5\]](#)
 - **Loose Cotton (Cushion) Wheels:** Stitched only around the center hole, leaving the cotton plies free and fluffy. These are used for the final "colouring" stage to produce a high-gloss, mirror finish without scratching the surface. [\[1, 2, 3, 4, 5\]](#)
 - **Wool Felt Wheels:** Made of dense, packed wool. These are excellent for precision polishing on jewelry, glass, stone, and fine metal engraving. [\[1, 2, 3, 4, 5\]](#)
 - **Nylon / Non-Woven Wheels:** Composed of synthetic fibers embedded with abrasive grains. They are perfect for satin finishing, rust removal, and light deburring. [\[1, 2, 3, 4, 5\]](#)
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