In addition to accurate cast finishes, a roller’s surface can be ground or machine finished to improve concentricity and surface texture.

Our greatest expertise is in producing complex finishes. Utilizing C.A.D. and C.N.C. machining technologies, we provide precise tolerances, precision surface finishing, grooving and crowning.

Depending on the application and environment of the roller, a number of precision ground surfaces can be selected.

**FINISHES**
- Polish
- Smooth
- Buff
- Tool-Cut
- Drape
- Sure-Glide®

**GeOMETRIES**
- Straight & Round
- Stopped
- Straight Crown
- Taper/Tapered Crown
- Concave/Parabolic Crown
- Flat Taper/Directional Taper
- Concave

**GROOVE PATTERNS**
- Herringbone
- Web Spreader
- Diamond
- Razor Slot
- Spiral
- Chevron

**Precision Surface Finishes**
- Polish
- Smooth
- Buff
- Tool-Cut
- Drape
- Sure-Glide®

**Groove Patterns**
- Herringbone
- Web Spreader
- Diamond
- Razor Slot
- Spiral
- Chevron

**Kastalon Polyurethane**
- Printing Rolls
- Industrial Rolls
- Paper Mill Rolls
- Acrylics
- Phenolics

**Shore A Durometer**
- 20 30 40 50 60 70 80 90 95

**Shore D Durometer**
- 45 55 65 75 85
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**FINISHES**
- Polish
- Smooth
- Buff
- Tool-Cut
- Dimple
- Sure-Grab®

**GROOVE PATTERNS**
- Harrington
- Web Spreader
- Diamond
- Razor Slot
- Spiral
- Chevron

**GEOOMETRIES**
- Straight & Round
- Stepped
- Straight Crown
- Taper/Step/Arbor Crown
- Convergent/Radial/Parabolic Crown
- Flat Taper/Directional Taper
- Concave

**KASTALON POLYURETHANE**
Kastalon Polyurethane Products
310-809-9350
www.kastalon.com

4100 West 124th Place / Alsip, Illinois 60803
708.389.2210 / FAX: 708.389.0432
1.800.KASTLON (527-8566)
www.kastalon.com
We are sensitive to our customer’s needs and recognize that breakdowns can be catastrophic. Therefore, we strive to refurbish and return a roller as quickly as possible. We can assist in determining whether a recover is necessary or if a simple regrind will be acceptable.

Detailed inspections can be performed upon arrival to determine the repairs necessary. Kastalon will provide complete restoration from journal end renewal to complete stripping and roll recovering, upon request.

Since 1963, Kastalon has set the bar in manufacturing of roller covers and cores for a wide range of markets. We offer complete roller services from the simple recovering of used rollers to core repair, bearing assembly, balancing, and new core construction. We can work from samples, drawings or provide design and engineering assistance to develop the most effective solution.

Kastalon, an ISO 9001:2000 certified company offers chemistry and design assistance to ensure that the material selected will provide exceptional physical properties over a wider hardness range than any other elastomer material.

Our size capacity ranges from fractional diameters to over 72 inches and lengths up to 28 feet.

Custom Roller and Wheel Services From Start To Finish

RECOVER OR REGRIND?

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CORE REPAIR

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CORE FABRICATION

From our customer’s drawings or sample rollers our precision machine shop can manufacture a roller from start to finish. Our design and engineering team is available to assist in material selections and assessment of the specific function to ensure that the roller is built to meet the needs of its environment.

INDUSTRIES SERVED

- Metal Processing
- Building Products
- Machinery Manufacturing
- OEM
- Mining
- Packaging and Processing
- Government Agencies
- Food Processing
- Car Making
- Material Handling
- General Industrial

Our size capacity ranges from fractional diameters to over 72 inches and lengths up to 28 feet.

FDA rollers

- FDA approved for wet, dry and fatty food environments
- Available in 50 – 95 Shore A and 70 Shore D materials
- Easy wash down
- Long life

Recover or regrind?
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**FINISHES**
- Polish
- Smooth
- Buff
- Tool-Cut
- Chrope
- Sure-Grip®

**GEOMETRIES**
- Straight & Round
- Tapered/Coneoidal Crowns
- Crown/Radial/Parabolic Crowns
- Flat Taper/Directional Taper
- Concave

**GROOVE PATTERNS**
- Herringbone
- Web Spreader
- Diamond
- Razor Slot
- Spiral
- Chevron

**KASTALON POLYURETHANE**
- Printing rolls
- Industrial rolls
- Shore A durometer 20 30 40 50 60 70 80 90 95

**TEFLON® NYLON**
- Shore A durometer 45 55 65 75 85

**ACRYLICS**
- Phenolics
- Paper Mill rolls
- Shore A durometer 50 70 90 100 110 120 130 140 150