



We Deliver Precision®

ULBRICH.COM

ULBRICH SPECIALTY
WIRE PRODUCTS

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CAPABILITY SHEET

Precision Shaped Wire

Precision Rolled, Coated and Shaped Wires

Ulbrich is expanding shaping capabilities to include ultra-fine cross sections and additional alloys which complements the already extensive offering from Ulbrich Shaped Wire.

Specialty Shapes

MATERIALS

Stainless Steel, Nickel Alloys, Cobalt Alloys, Nitinol, Titanium Alloys, Copper, and Special Metals

COATING

In-House Capacity – Gold, Silver, and Nickel

SIZING

Various radii and angles are achieved consistently and replicated over multiple batches and thousands of feet of wire by using specific shaping rolls and edging tools.

GENERAL SIZE RANGES

Thickness: .001” – .080”
Width: .010” – .200”
Diameter: .010” up to .080”

TYPES OF SHAPES

Existing shapes shown below.
Custom Shapes developed on request.

*Actual examples of possible shapes that can be manufactured.
Images obtained using a scanning electron microscope.*

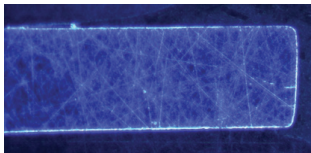
Ulbrich Wires are precision rolled or drawn to size. Products have a clean superior finish and are free of burrs. Ulbrich offers custom shapes made of a wide variety of alloys and coatings. Ulbrich produces complex shape profiles while maintaining exacting dimensional standards. The physical properties can be closely controlled, making Ulbrich’s precision wire products the ideal choice for any application.

Specialty Edging

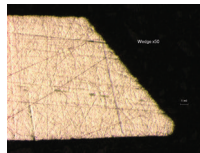
Exact dimensions are achieved using specialized tooling to create the most accurate edges.

TYPES OF EDGES

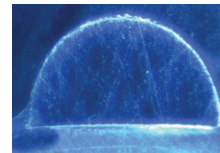
Square



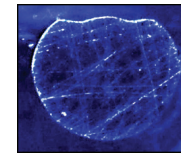
Chisel



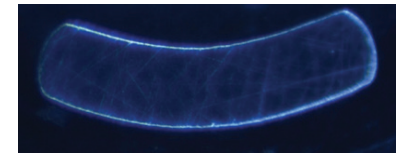
D-Shaped Wire



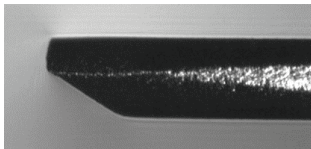
Wave Wire



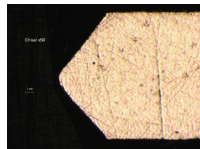
U-Shaped Wire



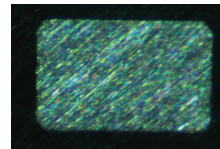
Tapered



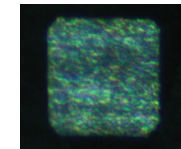
Wedge



Rectangle Wire



Square Wire



Rhombus Wire



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