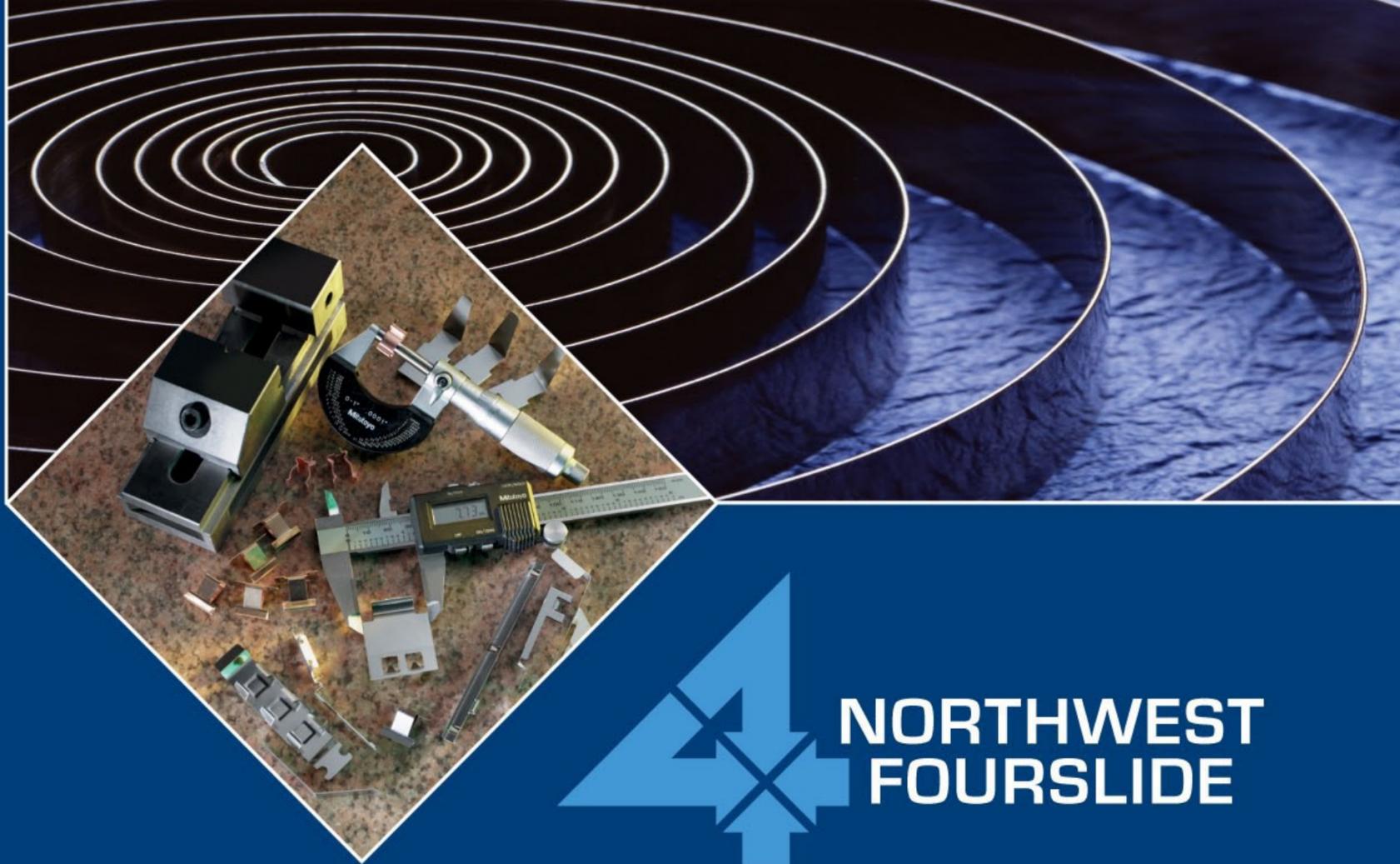




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# NORTHWEST FOURSLIDE



Precision Metal Stampings and Wire Forms



**Northwest Fourslide, Inc.**

13945 S.W. Galbreath Drive  
Sherwood, Oregon USA 97140-9168

503.625.4555 office

503.625.4499 fax

[sales@NW4S.com](mailto:sales@NW4S.com)

[www.NW4S.com](http://www.NW4S.com)



For a quote or request for info, contact us via telephone, email or web site.



## Welcome to NW4S

### OUR COMPANY

Northwest Fourslide Inc., located in the Portland Oregon metro area, has been manufacturing precision metal stampings and wire forms since 1979.

Our company has grown with its customers in various industries based on its reputation for quality and service.

### THE PARTS WE MANUFACTURE

If your part is thin gauge metal or a wire form you should consider NW4S as your supplier for prototyping and small parts production.



We utilize our expertise and unique technologies to produce any quantity of high precision low cost stampings and wire forms with cost effective and timely tooling.



### PROCESS CAPABILITIES

The fourslide process is capable of producing a broad and versatile array of small parts. The following specifications define the range of sizes and materials that our facility can handle.

- Maximum Part Width: 2.125" (54 mm)
- Maximum Part Length: 15" (380 mm)
- Maximum Tonnage: 20 (18.1 metric tons)
- Maximum Material Thickness: .062" (1.6 mm)
- Maximum Wire Diameter: 0.188" (4.8 mm)
- Minimum Wire Diameter: 0.005" (0.125 mm)
- Minimum Material Thickness: 0.004" (0.100 mm)



### THE MACHINES WE USE

Fourslide is a unique American made machine, capable of stamping and slide-forming, to produce high quality, low cost parts. Our company has tooled thousands of unique tools to manufacture custom stampings and wireforms on its various types of fourslide machines.

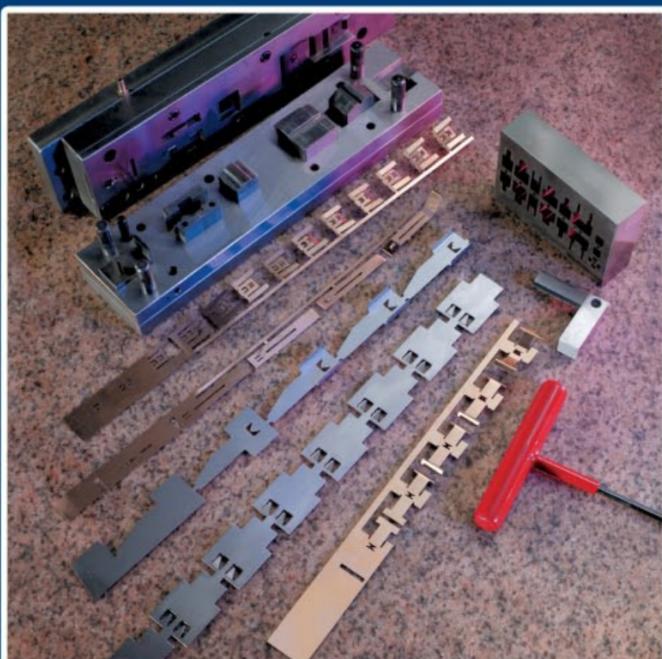
In addition to fourslide, we have technology and processes suitable for prototyping and low volume manufacturing (<5000 parts). These parts are undertaken with the same level of quality, precision and cost effectiveness as tooled for fourslide.

### MATERIALS

Northwest Fourslide can work with metals in two basic raw material shapes, WIRE and STRIP. Wire is a metal that has been extruded round, and strip is metal that has been rolled to a specific thickness and slit to width.

**WIRE:** Brass, Bright Basic, Kovar, Maganin, Music, Nickel, Nickel Silver, Phosphor Bronze, Stainless Steel, Steel, Tin Copper, Titanium

**STRIP:** Alumel, Aluminum, Beryllium Copper, Brass, Chromel, Cold Rolled Steel, Copper, Copper Nickel, Elgiloy, Hastaloy, Hymu 80, Kovar, Magnium, Nickel Alloy (hi temp), Nickel Silver, Phosphor Bronze, Spring Steel, Stainless Steel



### WHY USE NORTHWEST FOURSIDE?

There are many reasons to use NW4S. Just some of these are listed here:

- Specializing exclusively in fourslide technology.
- Manufacture parts for low (5 pcs) to high quantity (2 million/month).
- Extensive experience and knowledge in metal stamping and forming.
- Responsive and precision prototyping services.
- Certified to ISO standards since 1996.
- Provides consultation on design and manufacturability.
- Maintains an immaculate and well-organized workplace.
- Northwest Fourslide provides products and services to a wide variety of industries such as aerospace, automotive, computer, commercial, defense, dental, electronics, hardware, industrial, medical, security and telecommunications.

