



NU-TECH
Precision Metals



design by tubman.ca

Please contact us to discuss your Seamless Pipe, Tube, Fittings and Wire needs. We manufacture pipe and tubing products from 1 1/2" OD to 14" OD to ASTM, ASME and PED codes.



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Specialty Metal Extrusions

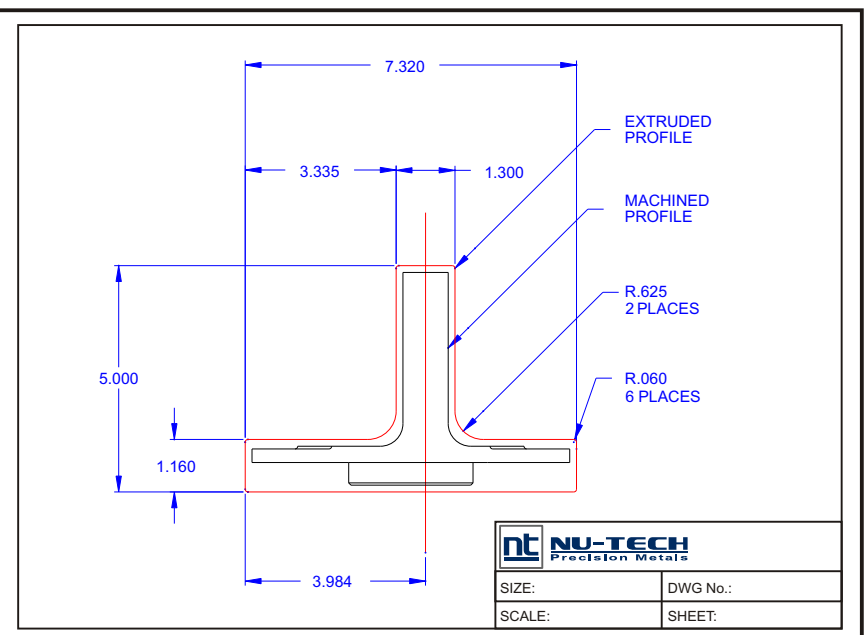
Custom Extruded Shapes, Tubes and Pipes

Our Company

Nu-Tech Precision Metals is a major manufacturer of custom extruded shapes and seamless pipe in a wide variety of specialty metals and alloys.

Since 1955, we have gained worldwide recognition as a trusted manufacturer of specialty metal extrusions, machined parts and welded assemblies.

Our quality assurance programs and in-house NDE meet strict nuclear and aerospace standards.



Extruded Shape Design Guidelines

1. Your component must fit entirely within a 12 inch (300 mm) circle
2. The minimum area that can be extruded is 0.1 square inches (25.8 mm²)
3. The minimum section thickness is 0.2 inches (5mm)
4. Extruded lengths of up to 90 feet (27m) are possible



Materials Extruded

We specialize in the custom extrusion of the following metals:

- All grades of titanium including 6Al-4V
- Zirconium
- Aluminum Alloys
- Carbon Steel
- Copper Alloys
- Niobium
- Stainless Steel

We specialize in the production of shapes, seamless pipe, tube, fittings, bar, rod and wire. We also produce clad metals using 2 or more different materials.

Common Extruded Sections

We extrude standard and unique shapes such as:

- Angles
- Channels
- Tees
- Straight & Contoured Flats
- I-Beams
- Hollow Squares & Octagons



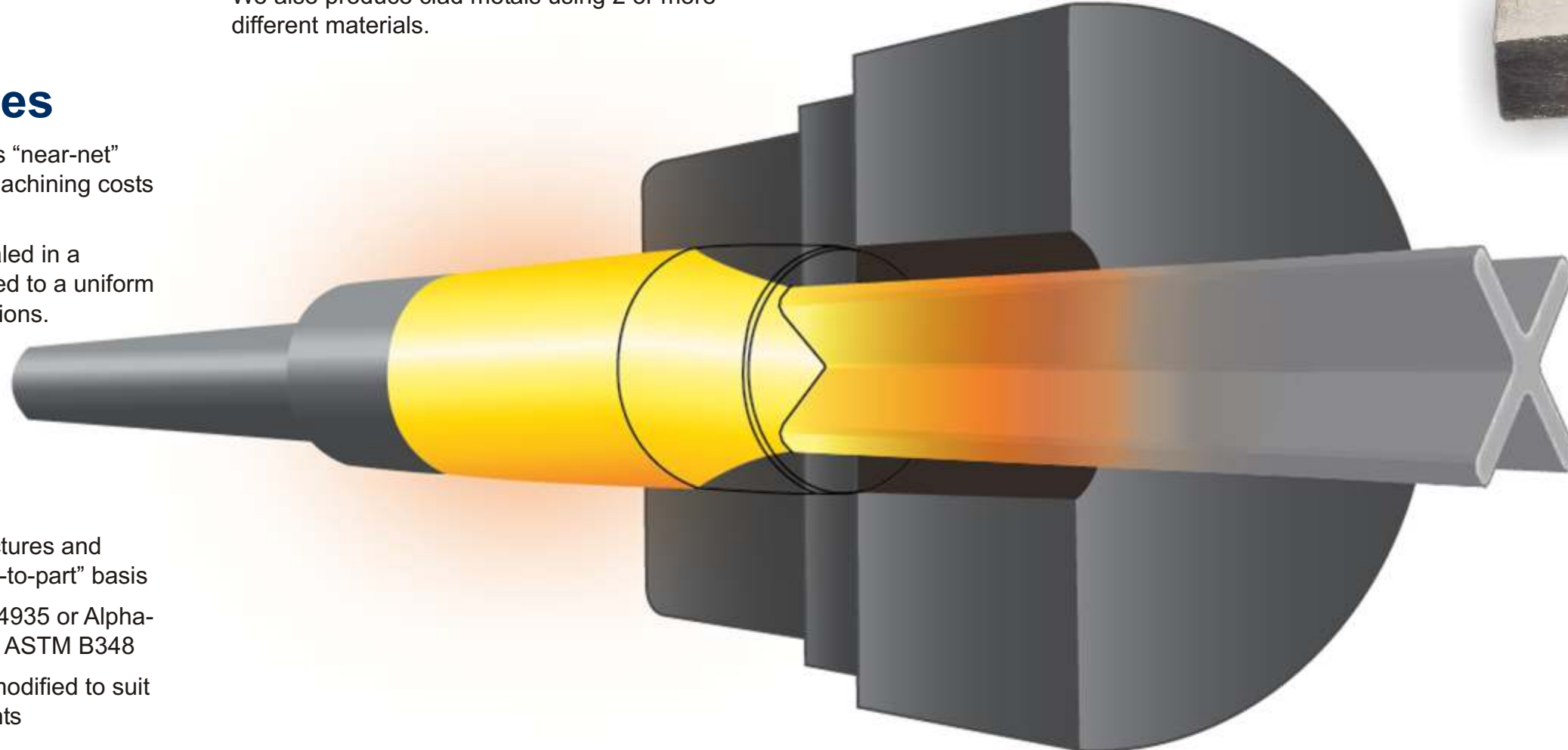
Nu-Tech Advantages

Nu-Tech's extrusion process creates "near-net" shapes that reduces material and machining costs overall.

Raw materials are encased and sealed in a protective jacket prior to being heated to a uniform temperature under controlled conditions.

This proprietary process provides the following advantages:

- Low Hydrogen Levels
- Low Oxygen Levels
- No Alpha Case
- Extremely consistent micro structures and mechanical properties on a "part-to-part" basis
- 6Al-4V Beta processing to AMS 4935 or Alpha-Beta processing to AMS 4928 or ASTM B348
- Processing parameters can be modified to suit your specific product requirements



Markets Served

We manufacture complex, precision metal components for a wide variety of markets including:

- nuclear
- medical
- chemical
- mining
- metal sputtering
- aerospace
- water treatment
- military
- offshore / subsea
- marine