The Aerospace Industry demands performance. Plymouth recognizes that failures are not an option. Nearer to net titanium and steel extrusions help ensure that high standards are met with consistency. This means lower part cost for you and greater confidence for your customers.

**APPLICATIONS:**
- Seat tracks
- Fuselage chords
- Vertical stabilizer spars
- Floor beams
- Thrust reversers
- Nacelle and engine mounts
- Wing mounts
- Longerons
- Engine pylons
- Airframe and structural parts
- Bomb and missile racks
- Helicopter parts

**MATERIALS:**
- Nearer to Net Extrusions
  - Titanium
  - Stainless
  - Alloy steel
  - Nickel-based alloys

**BENEFITS:**
- Reduced machining time
- Less production steps
- Minimized cutting tools
- Improved buy-to-fly ratio
- Less scrap and material waste
- Reduction in carbon footprint
- Spend less on high volume production or short runs
- Industry’s tightest tolerances
- Weight reduction

**Bar or Plate VS Nearer to Net Extruded Shape**

Find out more at [www.plymouth.com/engshapes](http://www.plymouth.com/engshapes)
Our Company
No other manufacturer in North America offers so much experience in special shape technology, nor provides so many value-added options to meet your product specifications as Plymouth Engineered Shapes. Steel and Titanium extrusions provide advantages not offered by alternative methods such as forgings, castings, and machining from bar or plate stock. Economic advantages include minimal tooling costs, reduced material usage, lower parts count resulting from the ability to extrude complex shapes over length in a single operation and less downstream machining and finishing operations. The quality benefits of the extrusion process include improved surface quality and superior flatness and straightness, which is especially critical for long length structural operations.

Contact us today to discuss your product requirements and specifications.

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- Power Generation
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- Heavy Equipment
- Miscellaneous Industrial

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