



Product Development Solutions  
World Class Manufacturing

THE OTHER GUYS SAID IT COULDN'T BE DONE...  
WE FILED IT UNDER  
**MISSION**  
**COMPLETE**



**- PRODUCT DEVELOPMENT SOLUTIONS, INC -**

PDS is a full service prototype and production manufacturing company specializing in CNC machining and cast urethane parts. We separate ourselves with our ability to produce complex parts for all industries including medical, aerospace, defense, consumer and more.





IT ALL STARTS WITH OUR  
**QUOTE PROMISE**

Our quote promise to you is that we take time to look at every single quote that comes in our door. Our experienced estimators take all aspects of your project into consideration including tolerances, finishes and delivery requirements.

TWO PROCESSES...  
**AT OUR  
CORE**

CAST URETHANE

CNC MACHINING



WE TAKE  
**CAST  
URETHANE**  
TO A NEW LEVEL

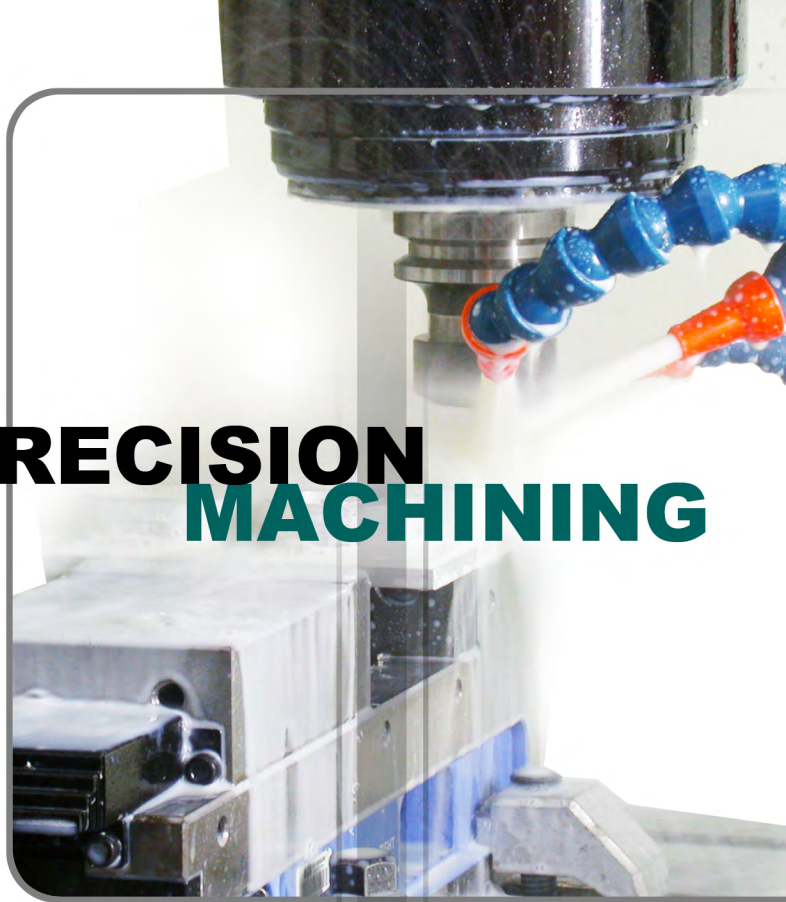
- Low volume production molding experts
- Excellent low volume molding alternative
  - Parts in Days
  - Wide Variety of Cast Urethane Materials
  - Complex Shapes
  - Little or No Draft
  - Cast In Color
  - Soft Durometer Overmolding
  - Large Size Up to 72"
  - In House Paint Facility
  - EMI/RFI Shielding
  - UL V0 Rated Materials



**-HOUSING FOR MEDICAL DEVICE  
PROCESSES INVOLVED:**

- Vac-formed part converted to Cast urethane due to complexity and volume
- Two tone paint
- RFI shielding

**PRECISION  
MACHINING**



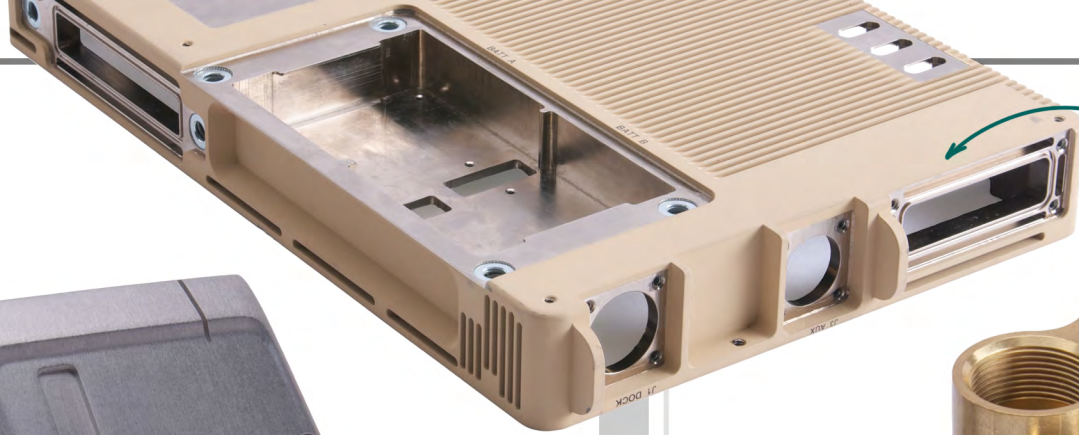
- Tight tolerances from +/- .0002
- Standard to exotic metals and plastics
- High speed machining up to 25,000 RPM
- Part size from very small to 30"x 70"x 28"
- First Article inspection capabilities
- Lights out Manufacturing



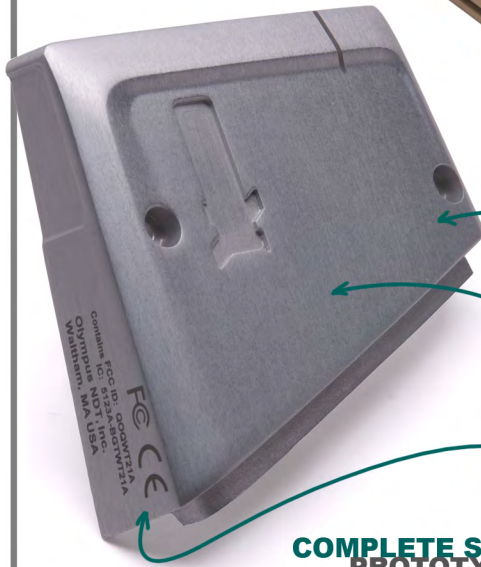
**-VALVE  
PROCESSES INVOLVED**  
-4 axis CNC mill turn

**PROTOTYPE TO PRODUCTION SOLUTIONS**





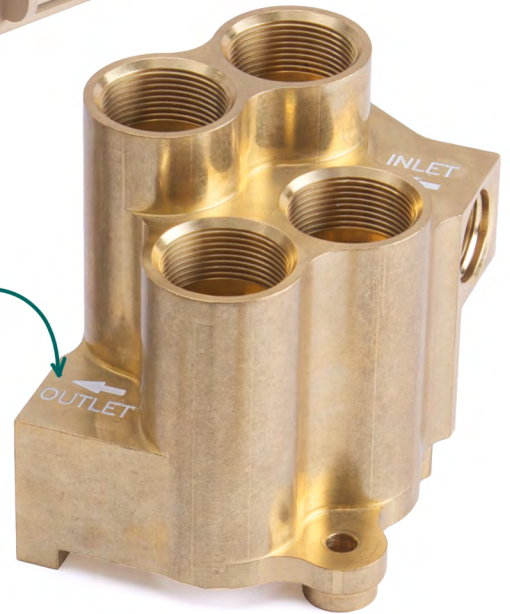
- Custom painting



- Clear Anodize

- Custom finishes

- Serialization



- Labeling

COMPLETE SERVICE FOR COMPLEX JOBS  
PROTOTYPE TO PRODUCTION SOLUTIONS

# SECONDARY OPERATIONS



- Hardware  
installation

- Selective coating



-XRF PORTABLE ANALYZER  
PROCESSES INVOLVED:

- cast urethane process
- EMI/RFI shielding
- custom paint

## - CUSTOM FINISHING / SECONDARY MACHINING -

PDS offers a variety of prototype and production finishes. We've gained a reputation for producing product above and beyond our customer's expectations. All of our finishing is done by expert craftsmen and painters dedicated to perfecting your product. PDS employees are trained to high standards and take the time to produce high quality products.



**-NEUROSURGICAL HEAD FIXATION DEVICE**  
**PROCESSES INVOLVED:**

- Machined carbon filled PEEK
- Teflon coat finish
- Labeling
- Multi-component assembly
- Calibration

**PRODUCT  
DEVELOPMENT  
SOLUTIONS IS A  
TURN KEY  
PROVIDER  
OF PRECISION  
MACHINING, LOW  
VOLUME MOLDING  
AND VALUE ADDED  
SERVICES.**

**HORSE POWER OF A BIG SHOP  
WITH FLEXIBILITY OF A SMALL SHOP**  
**MECHANICAL  
ASSEMBLY**

**-XRF PORTABLE ANALYZER**  
**PROCESSES INVOLVED:**

- cast urethane process
- multi-component assembly
- hardware installation

**-MRI advanced  
diagnostic equipment**  
**PROCESSES INVOLVED:**

- Cast urethane process
- Complex multi-component assembly
- Custom paint

**OUR GOAL IS TO BE AN INTEGRAL  
PART OF OUR CUSTOMERS  
BUSINESS AND EARN  
ONGOING LOYALTY.**



**World Class Manufacturing**



# WHAT MAKES PDS DIFFERENT...

- Innovative solutions with exceptional leadtimes.
- Horse power of a big shop with the flexibility of a small shop
- Knowledgeable and experienced staff
- Personal service



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**World Class Manufacturing**

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## ISO 9001:2008

- We are committed to Customer Satisfaction based on Innovation, Quality, and Trust. We follow the guiding principle of Continuous Improvement and pledge to establish and maintain measurable Quality Objectives that evolve with the needs of our Customers.

We are certified to the ISO 9001:2008 standard. Our Quality System includes a greater emphasis on Quality System management, expanded programs for continuous organizational improvement, and a close monitoring of customer satisfaction. We are concerned not only with product quality, accuracy, and dependability we are also concerned that our products meet the needs of our customers with a high degree of satisfaction.

