



PRECIPART®

Industrial



Precipart is committed to quality, efficiency, and precision – enhancing lives through innovative solutions.SM

We engineer, design, and manufacture precision gears, geared assemblies, motion control products, and solutions for a range of applications across many industries – including oil field & gas exploration, robotics, test & measurement instrumentation, as well as, satellite & antennae. Our expertise and experience provide precision solutions with proven results.



Complex Geared Assemblies



Worm and Helical Gears



Custom Gearheads



Bevel Gear



Right Angle Gear Box



Custom Speed Reducers



Jack Screws



Custom Shafts



Sector Gears

From design and engineering to prototyping and production, Precipart does it all.

Through our unparalleled expertise and experience, Precipart develops and produces some of the most revolutionary components for precision control and measurement in this world and beyond.

- Fractional HP motors
- Gear trains and gear boxes for downhole or hazardous environments
- Mechanical gauges and counters
- Actuators, electro- and opto-mechanical assemblies
- Scientific and industrial instrumentation

1 A comprehensive range of products & solutions.

A full suite of technical capabilities is at your disposal:

- Precision gears in diameters from 0.24" (6 mm) to 4.00" (101.66 mm)
- Products made of a wide range of ferrous and nonferrous materials
- Diametral pitch in various gear types from 16 to 200
- Gear quality up to AGMA Q12 or AGMA 2015/ISO Class 5
- Custom gear, mechanical, and electromechanical assemblies

2 Complete engineering support from concept to production process manufacturing

- Feasibility studies and analysis
- Design engineering with a focus on manufacturability
- Prototyping, validation, and optimization

3 Quality management systems that set us apart

Certified to ISO9001 & AS9100 with capabilities including FMEA (PFMEA, DFMEA), control plans and wireless statistical process control (SPC).

4 Six Sigma for lean manufacturing practices that save time and money

With a dedicated continuous improvement team focused on conducting Kaizen events, we utilize our expertise in value stream mapping, Pareto analysis, Poka-Yoke, Spaghetti Diagrams, 5S, paperless manufacturing, and electronic documentation.

The Precipart Promise

We welcome complex challenges and always seek to deliver products of integrity that are defect free, on time, and within budget. Let us precision-fit a solution for your unique product needs.

What can we design and build for you?



PRECIPART®

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Certifications:
ISO 13485
ISO 9001
AS 9100
ITAR