



Enhancing lives through innovative solutions. SM



PRECIPART

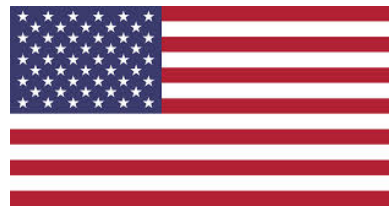
About Precipart Group

- Established in 1950
- Swiss Ownership – Privately held
- ~250 Employees
- Sales ~95 Mio. CHF

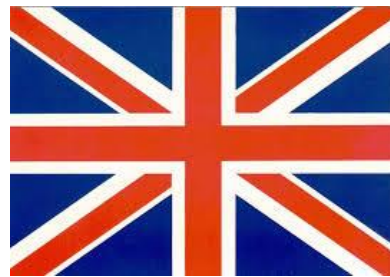
Global Reach



Lyss, Switzerland



New York, USA



Oxford, UK



Bangalore, India



Strategic alliances in Asia

Serving customers in over 30 countries.



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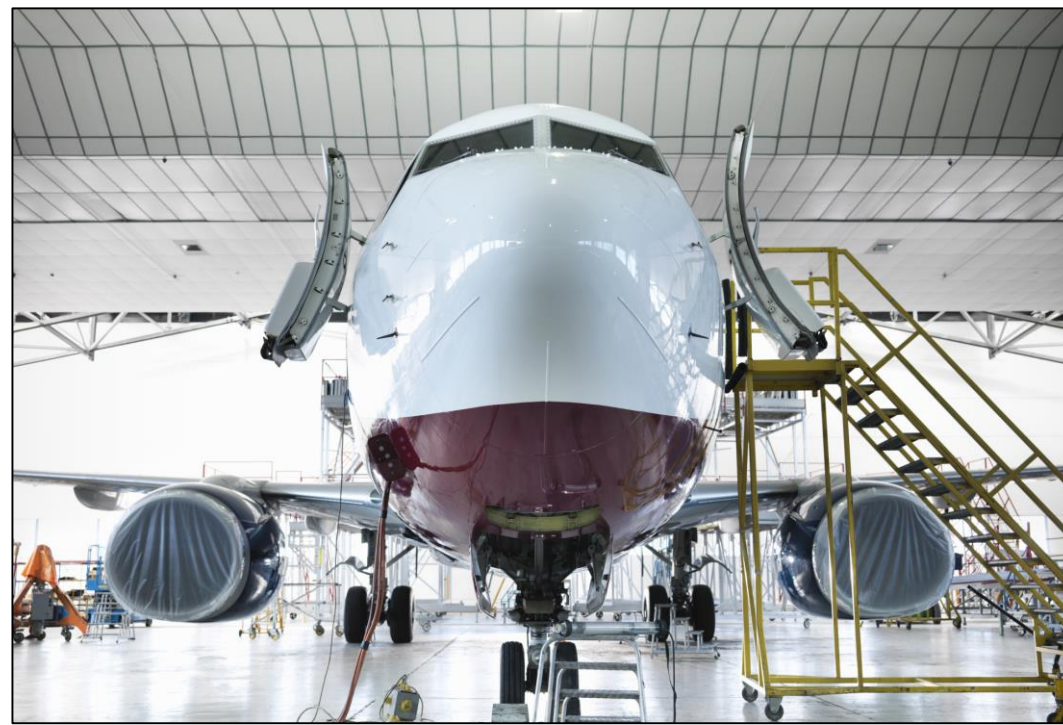
Markets

MEDICAL 50%



ISO 13485

AEROSPACE 25%



EN 9100

INDUSTRIAL 25%



ISO 9001

Custom Mechanical Components



SWISS
TURNING



MICRO
MANUFACTURING



PRECIOUS METAL
PRODUCTS



TECHNICAL
CERAMICS



ASSEMBLIES AND
INSTRUMENTS



METAL INJECTION
MOLDING

Swiss Turning



- Up to 42mm diameter
- Titanium, stainless steel, brass materials
- High volume production
- Prototype capability
- Multi-axis machining
- Deep hole drilling



Micro Manufacturing



- Miniature: Microscope viewing
- 0.4 mm thread screws
- 0.015mm diameter pins
- How small would you like to go?



Precious Metal Products



- Micro machined parts
- In-house precious metal processing, raw material production and testing
- Alloys: Gold, Silver, Platinum, Iridium, Palladium, Custom
- Accredited laboratories ISO 17025



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Precision Gears



Custom Gearboxes



Technical Ceramics



- Heat Resistant
- Unique Shapes
- Greater Versatility
- Tight Tolerances
- Biocompatibility
- Chemical Inertness
- Complex Designs
- Secondary Machining



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Assemblies and Instruments



- Miniature assemblies
- Vertical integration
- Turnkey product
- DFM assistance for such components
- Prototypes to production
- Short lead-times possible



Materials

- Titanium
- Stainless Steel
- Tungsten
- Cobalt Chrome
- Precious Metals
- Technical Ceramics
- Synthetic Rubies & Sapphires

- Technical Material Injection Molding
 - Ceramic
 - Stainless Steel
 - Titanium

- Unique Plastic Injection Molding
 - Peek
 - Teflon®
 - Ultem



Secondary Processes

- Micro Abrasion Deburring
- Resistance and 3D Laser Welding – Laser Cutting
- Customized Surface Treatments
 - Electro-polishing
 - Plating
 - Anodizing
 - Passivation
 - TiN
 - Heat Treating



Value Added Operations

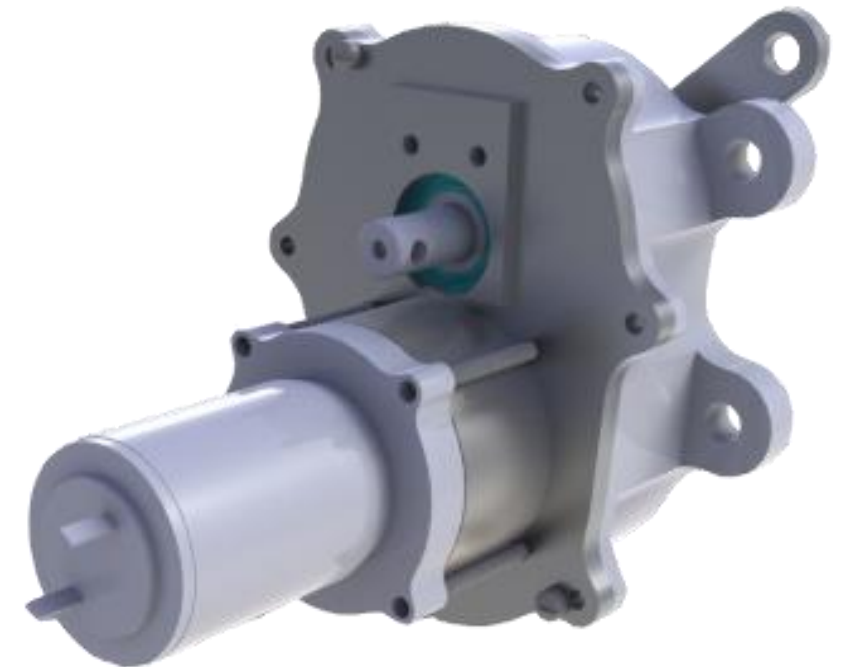


- Assembly – semi automatic through automatic
- Laser marking, serializing, sequential numbering
- Inventory management systems
- Clean room packaging
- Product identification
 - Medical grade coatings
 - Silicone rings
 - Pad printing
- Custom kitting
- Labeling



Design Engineering Services

- Comprehensive project assessment and feasibility studies
- Preliminary and critical design reviews
- Strength, hysteresis, stress and life calculations
- Performance data analysis
- Product development and prototyping
- Design for manufacturability



A Culture of Continuous Improvement

- Director-lead Continuous Improvement Department for over 15 years
- Focused on the Quality and Continuous Improvement of our products, services and processes
- Continuous Improvement & 6 Sigma Methods
 - Kaizen events
 - Quality Function Deployment
 - Failure Mode and Effect Analysis (FMEA, DFMEA, PFMEA, SFMEA)
 - Spaghetti Diagrams
 - Quality Function Deployment



Quality Systems

- ISO 9001
- ISO 13485
- AS 9100
- Extensive Contract Review
- Engineering Product Verification
- Process Validation: IQ, OQ, PQ
- FDA Registered
- Reach & RoHS compliant
- Integrated Quality Management Systems



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