Enhancing lives through innovative solutions. SM
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.
Markets

MEDICAL  50%
ISO 13485

AEROSPACE  25%
EN 9100

INDUSTRIAL  25%
ISO 9001
Custom Mechanical Components

- Swiss Turning
- Micro Manufacturing
- Milling
- 3D Printing (Metal & Ceramics)
- Technical Ceramics
- Assemblies and Instruments
- Injection Molding (MIM & CIM)
- Lasercutting, Stamping & Bending
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
Precision Gears

- SPUR
- HELICAL
- WORM
- CLUSTER
- INTERNAL
- SPLINE/SHAFT
- STRAIGHT BEVEL
- SPIRAL BEVEL
- FACE
- SECTOR
- PLANETARY
- RACKS
Custom Gearboxes
Technical Ceramics

- Heat Resistant
- Unique Shapes
- Greater Versatility
- Tight Tolerances
- Biocompatibility
- Chemical Inertness
- Complex Designs
- Secondary Machining
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
Please forward questions, NDAs or prints to:

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