



OUR ENGINEERING AND
PRODUCTION PROCESSES

QUALITY AND
PRECISION AT
EVERY STEP

Precision Industries is the UAE's advanced engineering enabler. From initial designs to finished components, including Build to Print, we offer a complete array of specialist technical services: engineering, machining, special processes, laboratories and inspection – all in one place.

epiuae.ae

OUR SERVICES —

ENGINEERING

- Process capability studies
- Precision machining
- Prototyping
- CAD/CAM programming
- Application engineering
- Manufacturing process design
- Production process development

CUTTING TOOLS

- Custom-made cutting tools for all operations
- Manufacturing and re-sharpening of carbide and HSS tools
- Five-axis cutter grinders
- Self measurement probes and 3D simulators
- Measuring and inspection

MACHINING

- Turning services
- Milling services (3, 4 & 5-Axis)
- Turn-mill services
- EDM

SURFACE TREATMENT

- Aluminium and titanium degreasing and pickling
- Anodising (TSAA, BSAA, CAA, SAA and HAA)
- Alodine 1200
- Blasting, paint stripping and shot peening for surface enhancement
- Paint application (water and solvent base) and ink marking
- Chemical analysis

REPAIR

- Re-face and re-chase services
- Connection re-cuts
- ID boring repairs
- Lee plug removal
- Shot peening
- Welding
- Laser welding