



OUR ENGINEERING AND  
PRODUCTION PROCESSES

QUALITY AND  
PRECISION AT  
EVERY STEP

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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](http://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
- Cylindrical & surface grinding
- 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