

At Prime Turbine Parts, we stock or have access to these gas turbine hot gas path, rotor and compressor parts:

Hot Gas Path & Rotor Parts

Bucket Sets

Bucket Hardware

- » Twist Locks
- » Platform Seal Pins
- » Shank Seal Pins
- » Lock Wires
- » 'D' Keys
 - » Standard
 - » Extended

Shroud Assemblies

- » Coating as Required
- » Honeycombed as Required

Shroud Hardware

- » Intersegment Seals (Keys)
- » Seal Pins
- » Retaining Pins
- » Tuning Pins
- » Eddy Current Probe Plugs
- » W-Seals (E-Seals)

Nozzle Assemblies

Nozzle Hardware

- » Eccentric Pins
- » L-Seals
- » Flat Seals
- » Retaining Pins
- » o Diaphragm Seals
- » Brush Seals
- » Intersegment Seals
- » Thermocouples
- » Thermocouple Wells
- » Installation Hardware

Rotor Coupling Bolt Sets

- » Coupling Bolts
- » Coupling Nuts
- » Coupling Studs

Rotor Thru Bolt Sets

- » Thru Bolts
- » Rotor Studs
- » Nuts

Compressor Parts

Inlet Guide Vanes (IGV)

- » Fixed
- » Variable (VIGV)
- » Installation Hardware:
 - » Bushings (Chemloy™)
 - » Spacers
 - » Springs
 - » Gears
 - » IGV Rack Segments

Stator Compressor Blades

Rotor Compressor Blades

Shims

Keys

Marriage Bolts

Compressor Casing Bolts

Contact us today to request a quote for any of these gas turbine parts and components

At Prime Turbine Parts, we stock or have access to these gas turbine consumable parts:

Bolting and Doweling

- » N-Series
- » Machined Hardware
- » Lock Plates
- » Washers
- » Nuts
- » Lock Nuts
- » Dowel Pins
- » Studs
 - » Body Bound Studs
 - » Thru Studs

Flexible Hoses

- » Fuel System
- » Air System

Quill Shafts

Clutch Hubs

Thermocouples

- » Thermocouple Connectors
- » Thermocouple Wells

RTD (Resistance Temperature Detector)

Gaskets

- » Die Cut Gaskets
 - » Wire Reinforced Graphite Gaskets
- » Spiral Wound Gaskets
- » Metallic Braided Gaskets
- » Gasket Rope
- » Non-Asbestos Packing
- » Crush Gaskets (C-Seals)

Filters

- » Lube Oil
- » Control Oil
- » Fuel Oil
- » Air Filter

Ratchet Pump Assembly

- » Pumps
- » Motors
- » Couplings
- » Load Couplings
- » Hardware (Bolt Kits)

Accessory Couplings

- » Hardware (Bolt Kits)

Generator Collector Rings

Generator Hardware

- » Collector Ring Brushes (Carbon Brushes)
- » Grounding Brushes (Carbon Brushes)
- » Grounding Strap (Copper Braided)
- » Generator Strip Heaters

Insulation

- » Blanket Insulation
- » Insulation Kits
- » Insulation Covers

Expansion Joints (Exhaust Frame)

Expansion Joint Gaskets (Exhaust Frame)

Flexible Expansion Joints (Bellows Type)

Borescope Plugs

Borescope Plug Retainers

Servo valves

Solenoid Valves

Ball Valves

Gate Valves

Check Valves

Temperature Control Valves

Extraction Valves

Limit Switches

LVDT's (Linear Variable Differential Transducer)

Pressure Switches

Temperature Switches

Contact us today to request a quote for any of these gas turbine parts and components

At Prime Turbine Parts, we stock or have access to a variety of gas turbine combustion parts and components, including:

Crossfire Tubes

Cross Fire Tube Retainers

- » Coated as Required

Transition Piece Support (Bullhorns)

- » Coated as Required
- » Wear Cladding

Combustion Liners

- » DLN Liner Aft Ends
- » DLN Liner Sleeves
- » Liner Stops
- » Spring Seals (Hula Skirt)

Ignition Transformers

Ignition Exciters

Spark Plug Leads

Flame Detectors

Check Valves

Flex Hose

Gaskets

Flow Sleeves

Standard

- » Coating as Required
- » Wear Cladding

DLN

- » Coating as Required
- » Wear Cladding

Transition Pieces

- » Seals
- » Picture Frames

Fuel Nozzle Assemblies

Fuel Nozzle Parts

Swirl Tips

Oil Nozzles

Transition Pieces

Crush Gaskets (C-Seals)

DLN

- » Piston Rings
- » E-Seals (W-Seals)

Spark Plugs

- » Sleeves
- » Insulators
- » Cores
- » Gaskets
- » Ball Joints
- » Springs

Contact us today to request a quote for any of these gas turbine parts and components

At Prime Turbine Parts, we stock or have access to a variety of gas turbine bearings and seals, including:

Bearings

Thrust

- » Active Thrust (Loaded)
- » Inactive Thrust (Unloaded)
- » Thrust Bearing Shoes

Journal

- » Tilt Pad
- » Smooth Bore

Accessory Gear

Load Gear

Shims & Hardware

Thermocouples

RTD (Resistance Temperature Detector)

Seals

Aluminum Labyrinth

Deflectors

- » Cast Iron
- » Cast Aluminum
- » Replacement Teeth

Babbitted

Brush Seal

- » High Pressure Packing (HPP, Inner Barrel)
- » Inter Stage (2nd Stage Nozzle Brush Seal)
- » #2 Bearing:
 - » Forward
 - » Aft

Contact us today to request a quote for any of these gas turbine parts and components

At Prime Turbine Parts, we stock or have access to these steam turbine major valve components, as well as bearings and seals:

Major Valve Components

Bolting and Doweling

- » Main Stop Valve Bushings
- » Control Valve Bushings
- » Extraction Valve Bushings
- » Reheat Stop Valve Bushings

Cross Heads

Cross Head Assemblies

Pilot Valves

Bypass Valve

- » Skirted Bypass Valve
- » Skirted, Coated Bypass Valve

Stop Valve Discs

Control Valve Discs

Control Valve

Main Stop Valve

Reheat Stop Valve

Pilot Valve

Poppet Valves

Valve Stems

- » Main Stop Valve Stems
- » Control Valve Stems
- » Extraction Valve Stems
- » Reheat Stop Valve Stems

Valve Assembly Hardware

- » Stem Nuts
- » Stem Pins
- » Keeper Rings
- » Lift Rods
- » Bronze Graphite Sleeve Bearings (Actuator Bushings)

Valve Seats

- » Main Stop Valve Seats
- » Control Valve Seats
- » Extraction Valve Seats
- » Reheat Stop Valve Seats

Bearings & Seals

Bearings

- » Tilt Pad Bearings
- » Smooth Bore Bearings
- » Insulated Generator Bearings

Shims

- » Active (Unloaded)
- » Inactive (Unloaded)
- » Journal Bearing Alignment Shims

Pump

- » Right Hand Pump Seals
- » Left Hand Pump Seals

Generator Hydrogen Seal Hardware

- » Garter Springs
- » Garter Springs Pins

Thrust Bearings

- » Active (Loaded) Thrust Bearing
- » Inactive (Unloaded) Thrust
- » Copper and/or Steel Backed Available

Oil Deflectors

- » Cast Aluminum Deflectors
- » Wrought Aluminum Deflectors

Generator Hydrogen Seal Rings

- » Bronze Alloy Seal Rings
- » Steel Backed, Babbitted Seal Rings

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At Prime Turbine Parts, we stock or have access to these steam turbine consumable parts:

Bolting and Doweling

- » N-Series
- » Machined Hardware
- » Lock Plates Washers
- » Nuts Castle Nuts
- » Covered Nuts
- » Lock Nuts
- » Dowel Pins
- » Guide Pins
- » Coupling Studs
- » Coupling Nuts
- » Windage Covers
- » Studs:
 - » Body Bound Studs
 - » Thru Studs
 - » Tapped Studs

Shell Hardware

- » Studs
- » Nuts:
 - » Castle Nuts
 - » Covered Nuts
- » Bolts:
 - » Hex Head Bolts
 - » Socket Head Bolts

Generator Hardware

- » Collector Ring Brushes (Carbon Brushes)
- » Grounding Brushes (Carbon Brushes)
- » Grounding Strap (Copper Braided)
- » Generator Strip Heaters

Gaskets

- » Die Cut Gaskets
- » Spiral Wound Gaskets
- » Non-Asbestos Packing

Atmospheric Relief Diaphragm Assemblies

- » Rubber Diaphragm
- » Copper Diaphragm
- » Aluminum Diaphragm

Thermocouples

RTD (Resistance Temperature Detector)

Filters

- » Lube Oil Filters
- » Control Oil Filters

Inter-Stage Packing Rings

- » HP Packing
- » LP Packing
- » Retractable Packing
- » Packing Ring Springs
- » Packing Ring Spring Retainers
- » Diaphragm Seal Segments (Spill Strips)

Main Steam Inlet Snout

- » Seal Rings

Generator Collector Rings

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