ROYAL MECH INDUSTRIES

Precision shaft portfolio

CNC Machined Custom Shafts

Multi-axis turned and milled shafts made to OEM drawings.

Materials: EN8 / EN19 / SS316

Processes: CNC turning, VMC milling, grinding

Splined Shafts (Internal & External)

Involute and straight-sided spline profiles for high-torque transmission.

Materials: EN19 / EN24 / 20MnCr5

Processes: Spline cutting, hobbing, broaching and finishing

Gear & Pinion Shafts

Integral gear shafts for engineered gearbox assemblies.

Materials: EN353 / 20MnCr5 / 8620

Processes: Turning, gear hobbing, heat treatment and grinding

Drive & Transmission Shafts

Robust rotating components designed around torque and alignment.

Materials: EN19 / EN24 / SAE 4140

Processes: Turning, keyway milling, grinding and balancing

Precision Hardened & Ground Shafts

Wear-resistant precision journals for linear and rotary assemblies.

Materials: EN8 / EN19 / EN31

Processes: Hardening, straightening, cylindrical or centerless grinding

royalmechindustries@rediffmail.com
Pune, India | All specifications subject to drawing review.

ROYAL MECH INDUSTRIES

Precision shaft portfolio

Industrial Pump & Motor Shafts

Corrosion-resistant and alloy shaft options for rotating equipment.

Materials: SS304 / SS316 / SS410 / 17-4 PH

Processes: Turning, threading, keyways and precision grinding

Stepped & Tapered Shafts

Multiple diameters and controlled tapers for accurate assembly.

Materials: EN8 / EN19 / SS410

Processes: Profile turning, taper machining and grinding

Hollow & Gun-Drilled Shafts

Axial bores and deep-hole passages for engineered rotating parts.

Materials: EN24 / 42CrMo4 / SS316

Processes: Deep-hole drilling, turning and bore finishing

Keyway & Threaded Shafts

Custom key seats and metric or imperial threaded features.

Materials: EN8 / EN19 / SS304

Processes: Keyway milling, slotting, thread cutting or rolling

Heavy-Duty Axle & Roller Shafts

High-load alloy shafts for rollers and material handling equipment.

Materials: EN19 / EN24 / forged steel

Processes: Heavy turning, heat treatment, straightening and grinding

royalmechindustries@rediffmail.com
Pune, India | All specifications subject to drawing review.