

Lovejoy flexible couplings and power transmission products address critical operational issues that face today's power generation plants. We provide solutions that are resistant to corrosion, require no lubrication, lower maintenance and downtime costs, and reduce noise levels – all with the quality, value and customer service you expect from Lovejoy.

Gear Couplings



- Bore sizes from 7/16" to 42"
- Special styles available, including spacer, floating shaft, and stainless steel
- Interchangeable with industry standards
- Torque capacity to 47,000,000 in-lbs
- Vari-Crown® teeth increase coupling wear life
- Type FLA (labyrinth seal) is interchangeable with the industry standard
- Type C (continuous sleeve) takes less space, yet features the high torque concentration of other gear couplings
- High performance gear for extreme high speed applications, offering a reduced moment of inertia

Disc Couplings



- No need for lubrication
- Ability to inspect without disassembly
- Torsionally rigid without any backlash
- No wearing parts
- High resistance to harsh environments
- Bore range to 15.25 inches
- 3,309,000 in-lbs of maximum torque
- Meets API 610, 671 standards
- Special styles available such as close coupled, spacer, drop out and adjustable shaft

Jaw In-Shear Couplings



- Jaw hubs, rings and elements stock items
- Hub materials: sintered iron, stainless steel, and aluminum
- Radially removable urethane insert and stainless steel locking ring
- 2° angular misalignment
- No tools needed to change element, fast and easy assembly
- Bore sizes up to 9 inches
- Non-lubricated replacement for a grid spacer coupling

Grid Couplings



- Horizontal and vertical split cover designs
- Interchangeable with industry standards up to size 1200
- Available in 19 sizes with a maximum bore of 13" and a maximum torque of 1,650,000 in-lbs
- Provides torsional damping
- Drop-out spacers for pump systems

Shaft Locking Devices



- Zero backlash
- No effect from dynamic, reversing or shock loads
- Keyless locking of shafts to hubs
- High torque transmission

COMMON APPLICATIONS

Steam Turbines	Blowers
GenSets	Exhausters
Pumps	Conveyors
Crushers	Stacker Reclaimers
Fans	

- Reduces maintenance time
- Easy installation and disassembly
- Adjustable for easy radial timing and axial alignment

RunRight™ Motor Bases



- Maintenance-free tensioning provides constant torque and less energy consumption
- Design compensates for startup belt load, absorbs load impact during operation while providing stability for proper alignment
- Increases life of the drive system
- Greatly simplifies belt changes, reducing costs for labor and downtime

RunRight™ Tensioners



- Self-adjusting / tensioning
- Extends belt life
- Easy to install with 360° positioning flexibility
- Eliminates scheduled belt tensioning maintenance
- Provides proper radial loads on motor output shaft which extends bearing life.