

Comparison of Ruland servo couplings on critical performance characteristics

Key: Low Low to Moderate Moderate Moderate to High High Zero Yes

| | Zero Backlash | Constant Velocity | Torsional Rigidity | Torque | Bearing Loads | Inertia | Dampening | Angular Misalign. | Parallel Misalign. | Axial Motion | Maintenance Required | Electrically Isolating | Cost |
|---------------------------------|---------------|-------------------|--------------------|--------|---------------|---------|-----------|-------------------|--------------------|--------------|----------------------|------------------------|------|
| Six Beam Coupling, Aluminum | | | | | | | | | | | | | |
| Six Beam Coupling, Stainless | | | | | | | | | | | | | |
| Four Beam Coupling, Aluminum | | | | | | | | | | | | | |
| Four Beam Coupling, Stainless | | | | | | | | | | | | | |
| Oldham Coupling, Acetal Disk | | | | | | | | | | | | | |
| Oldham Coupling, Nylon Disk | | | | | | | | | | | | | |
| Oldham Coupling, PEEK Disk | | | | | | | | | | | | | |
| Bellows Coupling | | | | | | | | | | | | | |
| Rigid Coupling, aluminum | | | | | | | | | | | | | |
| Single Disc Coupling | | | | | | | | | | | | | |
| Double Disc Coupling | | | | | | | | | | | | Available | |
| Jaw Coupling, 98 Shore A Red | | | | | | | | | | | | | |
| Jaw Coupling, 92 Shore A Yellow | | | | | | | | | | | | | |
| Jaw Coupling, 85 Shore A Blue | | | | | | | | | | | | | |