RULAND
Carefully Made Shaft Collars and Couplings

Coupling Comparison Chart

● Low ● Low to Moderate ● Moderate ● Moderate to High ● High

Coupling	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	✓	✓	●	●	●	●	●	●	●	●	✗	✗	●
Bellows Coupling	✓	✓	●	●	●	●	●	●	●	●	✗	✗	●
Controlflex Coupling, Double Disc	✓	✓	●	●	●	●	●	●	●	●	✓	✗	●
Controlflex Coupling, Single Disc	✓	✓	●	●	●	●	●	●	●	●	✓	✗	●
Double Disc Coupling	✓	✓	●	●	●	●	●	●	●	●	✗	Available	●
Single Disc Coupling	✓	✓	●	●	●	●	●	●	0	●	✗	✗	●
Jaw Coupling, 85 Shore A Blue	✓	✓	●	●	●	●	●	●	●	●	✓	✓	●
Jaw Coupling, 92 Shore A Yellow	✓	✓	●	●	●	●	●	●	●	●	✓	✓	●
Jaw Coupling, 98 Shore A Red	✓	✓	●	●	●	●	●	●	●	●	✓	✓	●
Oldham Coupling, Acetal Disk	✓	✓	●	●	●	●	●	●	●	●	✓	✓	●
Oldham Coupling, Nylon Disk	✗	✓	●	●	●	●	●	●	●	●	✓	✓	●
Oldham Coupling, PEEK Disk	✓	✓	●	●	●	●	●	●	●	●	✓	✓	●
Rigid Coupling, Aluminum	✓	✓	●	●	●	●	0	0	0	0	✗	✗	●

NOTE: This chart is intended to rate Ruland servo couplings on critical performance characteristics relative to each other and under typical operating parameters