

New from Ruland:

IP69K Rated Hygienic Clamping Assembly



IP69K rated hygienic clamping assemblies make equipment easier to clean and protect against harmful bacteria.

Hygienic clamping assemblies have been developed by Ruland to help protect food processing, medical and other types of equipment from bacteria buildup. Standard shaft collars have hot spots such as screw pockets, saw cuts, and surface imperfections where bacteria can grow and spread within the system. These hot spots are not always accessible and are very difficult to clean. Hygienic clamping assemblies provide a smooth uninterrupted surface that can be cleaned in place, making them a safer and more cost effective alternative to traditional shaft collars.

Hygienic clamping assemblies can be interchanged for traditional shaft collars that are being used as guides, spacers, clamping devices, and hard stops. They offer holding power similar to clamp style shaft collars and allow for simple positioning adjustments without marring the shaft. Ruland's proprietary design is IP69K rated against the ingress of dust and water up to 80°C and 8 to 10 MPa of pressure.

Hygienic clamping assemblies are a patent pending design containing a type 303 stainless steel shaft collar, a two-piece housing made from FDA compliant materials, and three O-rings with NSF H1 registered lubricant. They are supplied with a zinc-plated forged alloy screw for maximum holding power and are available for shaft sizes ranging from 1/4" to 1" or 6mm to 25mm.

Have an application with a shaft collar that is difficult to clean? Ruland's patent pending hygienic clamping assembly is IP69K rated and helps protect food processing, medical and other types of equipment from excess bacteria growth by shielding them from traditional shaft collar hot spots.



Hygienic clamping assemblies are available with bore sizes from 1/4" to 1" and 6mm to 25mm.

Why Ruland Hygienic Clamping Assembly?

- Protects against particles that promote bacteria growth
- IP69K rated
- Easy to clean - NSF/FDA compliant materials
- Superior fit, finish, and holding power
- RoHS2 and REACH compliant
- Carefully made in our Marlborough, MA factory and available for immediate delivery

Shaft Collar

Superior fit, finish, and holding power
Precise face/bore perpendicularity for proper alignment
Steel, aluminum, plastic, 303 & 316 stainless steel



Quick Clamping Shaft Collar

Designed for quick set up and easy repositioning
Innovative clamp design requires no tools
Light weight anodized aluminum



Rigid Coupling

Nypatch® anti-vibration hardware
Precision honed bores for proper fit and alignment
1 and 2 piece styles with or without keyway



Bellows Coupling

Zero-backlash, aluminum hubs for low inertia
Stainless steel bellows for high torsional stiffness
Balanced design for speeds up to 10,000 RPM



Beam Coupling

Zero-backlash, suitable for all types of misalignment
Multiple beams for improved torsional rigidity and torque
Available in aluminum and stainless steel



Oldham Coupling

Zero-backlash, low bearing loads, low inertia
Good overall performance, electrically isolating
High parallel misalignment capability



Jaw Coupling

Zero-backlash, dampens impulse loads
Elastomer element in choice of 3 durometers
Easily combine inch to metric and keyed to keyless



Disc Coupling

Zero-backlash, high torsional stiffness
Single disc style for compact installations
Double disc style for high misalignment

