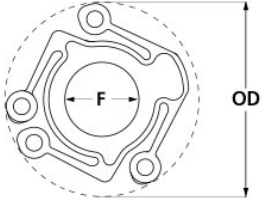




## CPFRG23/37-AT

Ruland CPFRG23/37-AT, Controflex Coupling Frog, Acetal, 1.457in (37.0mm) OD



### Description

Ruland CPFRG23/37-AT is a Controflex coupling insert designed to fit hubs that have an OD of 1.457" / 37.0mm. It is a component in a three- or four-piece design consisting of two aluminum hubs mounted by pins to one or two acetal inserts creating a lightweight low inertia coupling capable of speeds up to 15,000 RPM. This multi-piece design allows for a highly customizable coupling that easily combines clamp hubs with inch, metric, keyed, and keyless bores. Controflex couplings have a balanced design for reduced vibrations at high speeds, can accommodate all forms of misalignment, and are an excellent fit for encoders, tachometers, and light duty stepper servo positioning applications. Hardware is metric and tests beyond DIN 912 12.9 standards for maximum torque capabilities. CPFRG23/37-AT is RoHS3 and REACH compliant.

### Product Specifications

<b>Insert Thru Hole F</b>	0.563 in (14.3 mm)	<b>Outer Diameter (OD)</b>	1.457 in (37.0 mm)
<b>Torque Specifications</b>	Torque ratings vary with hub selection	<b>Misalignment</b>	Misalignment ratings vary with hub selection
<b>Weight (lbs)</b>	0.008300	<b>Temperature</b>	-22°F to 175°F (-30°C to 80°C)
<b>Material Specification</b>	Acetal	<b>Manufacturer</b>	Schmidt Kupplung
<b>UPC</b>	634529223048	<b>Country of Origin</b>	Germany
<b>Tariff Code</b>	8483.60.8000	<b>UNSPC</b>	31163022
<b>Note 1</b>	Performance ratings are for guidance only. The user must determine suitability for a particular application.		
<b>Prop 65</b>	⚠ <b>WARNING</b> This product can expose you to the chemical Formaldehyde, known to the State of California to cause cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .		

### Installation Instructions

1. Align the bores of the controflex coupling hubs on the shafts that are to be joined and determine if the misalignment parameters are within the limits of the coupling. (Select Hub for misalignment parameters.)
2. Rotate the hubs on the shaft so the drive pins are 90° from each other.
3. Place one hub at the end of the shaft. Tighten the clamp screw to the recommended seating torque.
4. Place an insert(s) with the standoffs facing the hub over the pins of the hub that was just installed.
5. Align the drive pins on the second hub to match the holes in the insert(s).