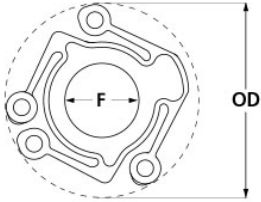




CPFRG23/37-AT

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



Description

Ruland CPFRG23/37-AT is a Controlflex 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. Controlflex 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

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

Installation Instructions

1. Align the bores of the controlflex 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).