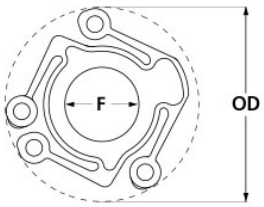
CPFRG48/75-AT

Ruland CPFRG48/75-AT, Controlflex Coupling Frog, Acetal, 2.953in (75.0mm) OD





Description

Ruland CPFRG48/75-AT is a Controlflex coupling insert designed to fit hubs that have an OD of 2.953" / 75.0mm. 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 7,500 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. CPFRG48/75-AT is RoHS3 and REACH compliant.

Product Specifications

Insert Thru Hole F	1.122 in (28.5 mm)	**Outer Diameter (OD)**	2.953 in (75.0 mm)
Torque Specifications	Torque ratings vary with hub selection	**Misalignment**	Misalignment ratings vary with hub selection
Weight (lbs)	0.067000	**Temperature**	-22°F to 175°F (-30°C to 80°C)
Material Specification	Acetal	**Manufacturer**	Schmidt Kupplung
UPC	634529223062	**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).