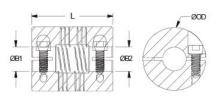




PCMR25-6-6-SS

Ruland PCMR25-6-6-SS, 6mm x 6mm Four Beam Coupling, Stainless Steel, Clamp Style, 25.4mm OD, 31.8mm Length





Description

Ruland PCMR25-6-6-SS is a clamp style four beam coupling with 6mm x 6mm bores, 25.4mm OD, and 31.8mm length. It is machined from a single piece of material and feature two sets of two spiral cuts. This gives it higher torque capacity, lower windup, and larger body sizes than single beam couplings. PCMR25-6-6-SS is zero-backlash and has a balanced design for reduced vibration at high speeds of up to 6,000 RPM. This four beam spiral coupling is zero-backlash and has a balanced design for reduced vibration at high speeds of up to 6,000 RPM. All hardware is metric and tests beyond DIN 912 12.9 standards for maximum torque capabilities. PCMR25-6-6-SS is made from 303 stainless steel for increased torque capacity. It is machined from bar stock that is sourced exclusively from North American mills and RoHS3 and REACH compliant. PCMR25-6-6-SS is manufactured in our Marlborough, MA factory under strict controls using proprietary processes.

Product Specifications

| B1 Max Shaft Penetration 14.7 mm B2 Max Shaft Penetration 14.7 mm Outer Diameter (OD) 25.4 mm Bore Tolerance +0.025 mm / -0.000 mm Length (L) 31.8 mm Recommended Shaft Tolerance +0.000 mm / -0.013 mm Cap Screw M4 Screw Material Alloy Steel Hex Wrench Size 3.0 mm Screw Finish Black Oxide Seating Torque 4.6 Nm Number of Screws 2 ea Dynamic Torque Reversing 1.39 Nm Angular Misalignment 3° Dynamic Torque Non-Reversing 2.77 Nm Parallel Misalignment 0.38 mm Static Torque 5.54 Nm Axial Motion 0.25 mm Torsional Stiffness 0.58 Deg/Nm Moment of Inertia 9.275 x10 ⁻⁶ kg-m² Maximum Speed 6,000 RPM Full Bearing Support Required? Yes Zero-Backlash? Yes Balanced Design Yes Torque Wrench TW-B1-1R-1/4-41.0 Recommended Hex Key Metric Hex Keys Material Specification Type 303 Austenitic, Non-Magnetic Bar Finish Specification Bright, No Plating Manufacturer Ruland Manufacturing Country of Origin USA Weight (Ibs) 0.218000 UPC 63452048931 Tariff Code 8483.60.8000 UNSPC 31163003 Note 1 Torque ratings are at maximum misalignment. Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machine beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. | i roduct opecinications | | | |
|---|------------------------------|--|--------------------------------|---|
| Outer Diameter (OD) 25.4 mm Bore Tolerance +0.025 mm / -0.000 mm Length (L) 31.8 mm Recommended Shaft Tolerance +0.000 mm / -0.013 mm Cap Screw M4 Screw Material Alloy Steel Hex Wrench Size 3.0 mm Screw Finish Black Oxide Seating Torque 4.6 Nm Number of Screws 2 ea Dynamic Torque Reversing 1.39 Nm Angular Misalignment 3° Dynamic Torque Non-Reversing 2.77 Nm Parallel Misalignment 0.38 mm Static Torque 5.54 Nm Axial Motion 0.25 mm Torsional Stiffness 0.58 Deg/Nm Moment of Inertia 9.275 x10 ⁻⁶ kg-m ² Maximum Speed 6,000 RPM Full Bearing Support Required? Yes Zero-Backlash? Yes Balanced Design Yes Torque Wrench TW:BT-1R-1/4-41.0 Recommended Hex Key Metric Hex Keys Material Specification Type 303 Austenitic, Non-Magnetic Bar Finish Specification Bright, No Plating Manufacturer Ruland Manufacturing Country of Origin USA Weight (Ibs) 0.218000 UPC 634529048931 Tariff Code 8483.60.8000 UNSPC 31163003 Note 1 Torque ratings are at maximum misalignment. Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 | Bore (B1) | 6 mm | Small Bore (B2) | 6 mm |
| Length (L) 31.8 mm Recommended Shaft Tolerance 40.000 mm / -0.013 mm Cap Screw M4 Screw Material Alloy Steel Alloy Steel Black Oxide Seating Torque 4.6 Nm Number of Screws 2 ea Dynamic Torque Reversing 1.39 Nm Angular Misalignment 3° Dynamic Torque Non-Reversing 2.77 Nm Parallel Misalignment 0.38 mm Static Torque 5.54 Nm Axial Motion 0.25 mm Torsional Stiffness 0.58 Deg/Nm Moment of Inertia 9.275 x10 6 kg-m² Maximum Speed 6,000 RPM Full Bearing Support Required? Yes Zero-Backlash? Yes Balanced Design Yes Torque Wrench Tw.BT-1R-1/4-41.0 Recommended Hex Key Metric Hex Keys Material Specification Type 303 Austenitic, Non-Magnetic Bar Finish Specification Bright, No Plating Manufacturer Finish Specification Bright, No Plating Manufacturer Ruland Manufacturing Country of Origin USA Weight (lbs) 0.218000 UNSPC 31163003 Note 1 Torque ratings are at maximum misalignment. Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machined be Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machined be Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. | B1 Max Shaft Penetration | 14.7 mm | B2 Max Shaft Penetration | 14.7 mm |
| Cap Screw M4 Screw Material Alloy Steel Hex Wrench Size 3.0 mm Screw Finish Black Oxide Seating Torque 4.6 Nm Number of Screws 2 ea Dynamic Torque Reversing 1.39 Nm Angular Misalignment 3° Dynamic Torque Non-Reversing 2.77 Nm Parallel Misalignment 0.38 mm Static Torque S.54 Nm Axial Motion 0.25 mm Torsional Stiffness 0.58 Deg/Nm Moment of Inertia 9.275 x10 6 kg-m² Maximum Speed 6,000 RPM Full Bearing Support Required? Yes Zero-Backlash? Yes Balanced Design Yes Torque Wrench Tw:Bt-1/4-41.0 Recommended Hex Key Metric Hex Keys Material Specification Type 303 Austenitic, Non-Magnetic Bar Finish Specification Bright, No Plating Manufacturer Ruland Manufacturing Country of Origin USA Weight (Ibs) 0.218000 UPC 634529048931 Tariff Code 8483.60.8000 UNSPC 31163003 Note 1 Torque ratings are at maximum misalignment. Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 | Outer Diameter (OD) | 25.4 mm | Bore Tolerance | +0.025 mm / -0.000 mm |
| Hex Wrench Size 3.0 mm Screw Finish Black Oxide Seating Torque 4.6 Nm Number of Screws 2 ea Dynamic Torque Reversing 1.39 Nm Angular Misalignment 3° Dynamic Torque Non-Reversing 2.77 Nm Parallel Misalignment 0.38 mm Static Torque 5.54 Nm Axial Motion 0.25 mm Torsional Stiffness 0.58 Deg/Nm Moment of Inertia 9.275 x10°6 kg-m² Maximum Speed 6,000 RPM Full Bearing Support Required? Yes Zero-Backlash? Yes Balanced Design Yes Torque Wrench TW-BT-1R-1/4-41.0 Recommended Hex Key Metric Hex Keys Material Specification Type 303 Austenitic, Non-Magnetic Bar Finish Specification Bright, No Plating Manufacturer Ruland Manufacturing Country of Origin USA Weight (lbs) 0.218000 UNC 634529048931 Tariff Code 8483.60.8000 UNSPC 31163003 Note 1 Torque ratings are at maximum misalignment. Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft i | Length (L) | 31.8 mm | Recommended Shaft Tolerance | +0.000 mm / -0.013 mm |
| Seating Torque 4.6 Nm Number of Screws 2 ea Dynamic Torque Reversing 1.39 Nm Angular Misalignment 3° Dynamic Torque Non-Reversing 2.77 Nm Parallel Misalignment 0.38 mm Static Torque 5.54 Nm Axial Motion 0.25 mm Torsional Stiffness 0.58 Deg/Nm Moment of Inertia 9.275 x10⁻⁶ kg-m² Maximum Speed 6,000 RPM Full Bearing Support Required? Yes Zero-Backlash? Yes Balanced Design Yes Torque Wrench TW:BT-1R-1/4-41.0 Recommended Hex Key Metric Hex Keys Material Specification Type 303 Austenitic, Non-Magnetic Bar Finish Specification Bright, No Plating Manufacturer Ruland Manufacturing Country of Origin USA Weight (lbs) 0.218000 UPC 634529048931 Tariff Code 8483.60.8000 UNSPC 31163003 Note 1 Torque ratings are at maximum misalignment. Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machined becomes. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 | Cap Screw | M4 | Screw Material | Alloy Steel |
| Dynamic Torque Reversing Dynamic Torque Non-Reversing Dynamic Torque Non-Reversing 2.77 Nm Parallel Misalignment 0.38 mm Static Torque 5.54 Nm Axial Motion 0.25 mm Torsional Stiffness 0.58 Deg/Nm Moment of Inertia 9.275 x10 ⁻⁶ kg-m² Maximum Speed 6,000 RPM Full Bearing Support Required? Yes Zero-Backlash? Yes Balanced Design Yes Torque Wrench Tw.BT-1R-1/4-41.0 Recommended Hex Key Metric Hex Keys Material Specification Type 303 Austenitic, Non-Magnetic Bar Finish Specification Bright, No Plating Manufacturer Country of Origin USA Weight (lbs) UPC 634529048931 Tariff Code 8483.60.8000 UNSPC 31163003 Note 1 Torque ratings are at maximum misalignment. Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machined becomes and the proper of the machined becomes and the polymore are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 | Hex Wrench Size | 3.0 mm | Screw Finish | Black Oxide |
| Dynamic Torque Non-Reversing 2.77 Nm Parallel Misalignment 0.38 mm Static Torque 5.54 Nm Axial Motion 0.25 mm Torsional Stiffness 0.58 Deg/Nm Moment of Inertia 9.275 x10-6 kg-m² Maximum Speed 6,000 RPM Full Bearing Support Required? Yes Zero-Backlash? Yes Balanced Design Yes Torque Wrench TW:BT-1R-1/4-41.0 Recommended Hex Key Metric Hex Keys Material Specification Type 303 Austenitic, Non-Magnetic Bar Finish Specification Bright, No Plating Manufacturer Ruland Manufacturing Country of Origin USA Weight (Ibs) 0.218000 UPC 634529048931 Tariff Code 8483.60.8000 UNSPC 31163003 Note 1 Torque ratings are at maximum misalignment. Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 | Seating Torque | 4.6 Nm | Number of Screws | 2 ea |
| Static Torque 5.54 Nm Axial Motion 0.25 mm Torsional Stiffness 0.58 Deg/Nm Moment of Inertia 9.275 x10 ⁻⁶ kg-m² Maximum Speed 6,000 RPM Full Bearing Support Required? Yes Zero-Backlash? Yes Balanced Design Yes Torque Wrench TW:BT-1R-1/4-41.0 Recommended Hex Key Metric Hex Keys Material Specification Type 303 Austenitic, Non-Magnetic Bar Finish Specification Bright, No Plating Manufacturer Ruland Manufacturing Country of Origin USA Weight (lbs) 0.218000 UPC 634529048931 Tariff Code 8483.60.8000 UNSPC 31163003 Note 1 Torque ratings are at maximum misalignment. Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 ■ WARNING This product can expose you to chemicals including Ethylene Thiourea and Nickel (me | Dynamic Torque Reversing | 1.39 Nm | Angular Misalignment | 3° |
| Torsional Stiffness 0.58 Deg/Nm Moment of Inertia 9.275 x10⁻⁶ kg-m² Maximum Speed 6,000 RPM Full Bearing Support Required? Yes Zero-Backlash? Yes Balanced Design Yes Torque Wrench TW:BT-1R-1/4-41.0 Recommended Hex Key Metric Hex Keys Type 303 Austenitic, Non-Magnetic Bar Finish Specification Bright, No Plating Manufacturer Ruland Manufacturing Country of Origin USA Weight (Ibs) 0.218000 UNSPC 31163003 Note 1 Torque ratings are at maximum misalignment. Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 | Dynamic Torque Non-Reversing | 2.77 Nm | Parallel Misalignment | 0.38 mm |
| Maximum Speed 6,000 RPM Full Bearing Support Required? Yes Zero-Backlash? Yes Balanced Design Yes Torque Wrench TW:BT-1R-1/4-41.0 Recommended Hex Key Metric Hex Keys Material Specification Type 303 Austenitic, Non-Magnetic Bar Finish Specification Bright, No Plating Manufacturer Ruland Manufacturing Country of Origin USA Weight (lbs) 0.218000 UPC 634529048931 Tariff Code 8483.60.8000 UNSPC 31163003 Note 1 Torque ratings are at maximum misalignment. Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 ■ WARNING This product can expose you to chemicals including Ethylene Thiourea and Nickel (me | Static Torque | 5.54 Nm | Axial Motion | 0.25 mm |
| Terrough Wrench TW:BT-1R-1/4-41.0 Recommended Hex Key Metric Hex Keys Torque Wrench Type 303 Austenitic, Non-Magnetic Bar Finish Specification Bright, No Plating Weight (lbs) USA Weight (lbs) USA Weight (lbs) USA Weight (lbs) USA Word Tariff Code 31163003 Note 1 Torque ratings are at maximum misalignment. Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular applica Torque ratings for the couplings are based on the physical limitations/failure point of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 | Torsional Stiffness | 0.58 Deg/Nm | Moment of Inertia | 9.275 x10 ⁻⁶ kg-m ² |
| Torque Wrench TW:BT-1R-1/4-41.0 Recommended Hex Key Metric Hex Keys Type 303 Austenitic, Non-Magnetic Bar Finish Specification Bright, No Plating Manufacturer Ruland Manufacturing Country of Origin USA Weight (Ibs) 0.218000 UNSPC 31163003 Note 1 Torque ratings are at maximum misalignment. Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 | Maximum Speed | 6,000 RPM | Full Bearing Support Required? | Yes |
| Material Specification Type 303 Austenitic, Non-Magnetic Temperature Bar Finish Specification Bright, No Plating Manufacturer Ruland Manufacturing Country of Origin USA Weight (Ibs) 0.218000 0.218000 WNSPC 31163003 Note 1 Torque ratings are at maximum misalignment. Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular application on the physical limitations/failure point of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 ■ WARNING This product can expose you to chemicals including Ethylene Thiourea and Nickel (metals including Ethylene Thiou | Zero-Backlash? | Yes | Balanced Design | Yes |
| Finish Specification Bright, No Plating Manufacturer Ruland Manufacturing Country of Origin USA Weight (Ibs) 0.218000 UNSPC 31163003 Note 1 Torque ratings are at maximum misalignment. Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 ■WARNING This product can expose you to chemicals including Ethylene Thiourea and Nickel (me | Torque Wrench | TW:BT-1R-1/4-41.0 | Recommended Hex Key | Metric Hex Keys |
| Country of Origin USA Weight (lbs) 0.218000 034529048931 Tariff Code 8483.60.8000 UNSPC 31163003 Note 1 Torque ratings are at maximum misalignment. Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular applica Torque ratings for the couplings are based on the physical limitations/failure point of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 WARNING This product can expose you to chemicals including Ethylene Thiourea and Nickel (me | Material Specification | • | Temperature | -40°F to 350°F (-40°C to 176°C) |
| UPC 634529048931 Tariff Code 8483.60.8000 UNSPC 31163003 Note 1 Torque ratings are at maximum misalignment. Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 | Finish Specification | Bright, No Plating | Manufacturer | Ruland Manufacturing |
| Note 1 Torque ratings are at maximum misalignment. Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 ★WARNING This product can expose you to chemicals including Ethylene Thiourea and Nickel (mer | Country of Origin | USA | Weight (lbs) | 0.218000 |
| Note 1 Torque ratings are at maximum misalignment. Performance ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machined beautines. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 | UPC | 634529048931 | Tariff Code | 8483.60.8000 |
| Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular applica Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machined bea Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 **MARNING** This product can expose you to chemicals including Ethylene Thiourea and Nickel (me | UNSPC | 31163003 | | |
| Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machined beaution beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 Torque ratings for the couplings are based on the physical limitations/failure point of the machined beamships are capable of holding up to the rated torque of the machined beams. Please of technical support for more assistance. | Note 1 | Torque ratings are at maximum misalignment. | | |
| Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please of technical support for more assistance. Prop 65 WARNING This product can expose you to chemicals including Ethylene Thiourea and Nickel (me | Note 2 | Performance ratings are for guidance only. The user must determine suitability for a particular application. | | |
| Prop 65 | Note 3 | Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machined beams. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on the shaft is possible below the rated torque of the machined beams. Please consult | | |
| | Prop 65 | ▲WARNING This product can expose you to chemicals including Ethylene Thiourea and Nickel (metallic), known to the State of California to cause cancer | | |

Installation Instructions

1. Align the bores of the PCMR25-6-6-SS four beam coupling on the shafts that are to be joined and determine if the misalignment parameters are within the limits of the coupling. (*Angular*

- Misialignment: 3°, Parallel Misalignment: 0.38 mm, Axial Motion: 0.25 mm)
- 2. Fully tighten the M4 screw on one hub to the recommended seating torque of 4.6 Nm using a 3.0 mm hex torque wrench.
- 3. Before tightening the screws on the second hub, rotate the coupling by hand to allow it to reach its free length.
- 4. Tighten the screws on the second hub to the recommended seating torque. Make sure the coupling remains axially relaxed and the misalignment angle remains centered along the length of the coupling.
- 5. The shafts may extend into the relieved portion of the bore as long as it does not exceed the shaft penetration length of 14.7 mm.