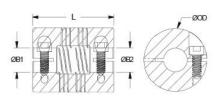




## PCMR22-8-8-SS

Ruland PCMR22-8-8-SS, 8mm x 8mm Four Beam Coupling, Stainless Steel, Clamp Style, 22.2mm OD, 27.0mm Length





## **Description**

Ruland PCMR22-8-8-SS is a clamp style four beam coupling with 8mm x 8mm bores, 22.2mm OD, and 27.0mm 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. PCMR22-8-8-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. PCMR22-8-8-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. PCMR22-8-8-SS is manufactured in our Marlborough, MA factory under strict controls using proprietary processes.

**Product Specifications** 

Outer Diameter (OD)  22.2 mm  Bore Tolerance  +0.025 mm / -0.000 mm  Length (L)  27.0 mm  Recommended Shaft Tolerance  +0.000 mm / -0.013 mm  Cap Screw  M3  Screw Material  Alloy Steel  Hex Wrench Size  2.5 mm  Screw Finish  Black Oxide  Seating Torque  2.1 Nm  Number of Screws  2 ea  Dynamic Torque Reversing  0.62 Nm  Angular Misalignment  3°  Dynamic Torque Non-Reversing  1.25 Nm  Parallel Misalignment  0.20 mm  Static Torque  2.49 Nm  Axial Motion  0.13 mm  Torsional Stiffness  1.19 Deg/Nm  Moment of Inertia  4.594 x10 <sup>-6</sup> kg-m <sup>2</sup> Maximum Speed  6,000 RPM  Full Bearing Support Required?  Yes  Zero-Backlash?  Yes  Balanced Design  Yes  Torque Wrench  TW-BT-1R-1/4-18.3  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)  0.132300  UPC  634529048924  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 ap  Note 3  Torque ratings for the couplings are based on the physical limitations/failure point of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine	addi opedineations			
Outer Diameter (OD)  22.2 mm  Bore Tolerance  +0.025 mm / -0.000 mm  Length (L)  27.0 mm  Recommended Shaft Tolerance  +0.000 mm / -0.013 mm  Cap Screw  M3  Screw Material  Alloy Steel  Hex Wrench Size  2.5 mm  Screw Finish  Black Oxide  Seating Torque  2.1 Nm  Number of Screws  2 ea  Dynamic Torque Reversing  0.62 Nm  Angular Misalignment  3°  Dynamic Torque Non-Reversing  1.25 Nm  Parallel Misalignment  0.20 mm  Static Torque  2.49 Nm  Axial Motion  0.13 mm  Torsional Stiffness  1.19 Deg/Nm  Moment of Inertia  4.594 x10 <sup>-6</sup> kg-m <sup>2</sup> Maximum Speed  6,000 RPM  Full Bearing Support Required?  Yes  Zero-Backlash?  Yes  Balanced Design  Yes  Torque Wrench  TW-BT-1R-1/4-18.3  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)  0.132300  UPC  634529048924  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 ap  Note 3  Torque ratings for the couplings are based on the physical limitations/failure point of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine	(B1) 8	8 mm	Small Bore (B2)	8 mm
Length (L)  27.0 mm  Recommended Shaft Tolerance  +0.000 mm / -0.013 mm  Cap Screw  M3  Screw Material  Alloy Steel  Alloy Steel  Black Oxide  Seating Torque  2.1 Nm  Number of Screws  2 ea  Dynamic Torque Reversing  0.62 Nm  Angular Misalignment  3°  Dynamic Torque Non-Reversing  1.25 Nm  Parallel Misalignment  0.20 mm  Static Torque  2.49 Nm  Axial Motion  0.13 mm  Torsional Stiffness  1.19 Deg/Nm  Moment of Inertia  4.594 x10 <sup>-6</sup> kg-m²  Maximum Speed  6,000 RPM  Full Bearing Support Required? Yes  Zero-Backlash?  Yes  Balanced Design  Yes  Torque Wrench  TW:BT-1R-1/4-18.3  Recommended Hex Key  Metric Hex Keys  Material Specification  Bright, No Plating  Manufacturer  Finish Specification  Bright, No Plating  Manufacturer  Ruland Manufacturing  Country of Origin  USA  Weight (Ibs)  0.132300  UPC  634529048924  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 ap Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine under normal/typical conditions the hubs are capable of holding up to the rated torque of the machin	ax Shaft Penetration	12.7 mm	B2 Max Shaft Penetration	12.7 mm
Cap Screw M3 Screw Material Alloy Steel Hex Wrench Size 2.5 mm Screw Finish Black Oxide Seating Torque 2.1 Nm Number of Screws 2 ea Dynamic Torque Reversing 0.62 Nm Angular Misalignment 3° Dynamic Torque Non-Reversing 1.25 Nm Parallel Misalignment 0.20 mm Static Torque 2.49 Nm Axial Motion 0.13 mm Torsional Stiffness 1.19 Deg/Nm Moment of Inertia 4.594 x10 <sup>-6</sup> kg-m² Maximum Speed 6,000 RPM Full Bearing Support Required? Yes Zero-Backlash? Yes Balanced Design Yes Torque Wrench TW:BT-1R-1/4-18.3 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) 0.132300 UPC 634529048924 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 ap Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine 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	r Diameter (OD)	22.2 mm	Bore Tolerance	+0.025 mm / -0.000 mm
Hex Wrench Size  2.5 mm Screw Finish Black Oxide  Seating Torque 2.1 Nm Number of Screws 2 ea  Dynamic Torque Reversing 0.62 Nm Angular Misalignment 3° Dynamic Torque Non-Reversing 1.25 Nm Parallel Misalignment 0.20 mm  Static Torque 2.49 Nm Axial Motion 0.13 mm Torsional Stiffness 1.19 Deg/Nm Moment of Inertia 4.594 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-1/4-18.3 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) 0.132300  UPC 634529048924 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 ap Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machine Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine	th (L) 2	27.0 mm	Recommended Shaft Tolerance	+0.000 mm / -0.013 mm
Seating Torque 2.1 Nm Number of Screws 2 ea  Dynamic Torque Reversing 0.62 Nm Angular Misalignment 3°  Dynamic Torque Non-Reversing 1.25 Nm Parallel Misalignment 0.20 mm  Static Torque 2.49 Nm Axial Motion 0.13 mm  Torsional Stiffness 1.19 Deg/Nm Moment of Inertia 4.594 x10 <sup>-6</sup> kg-m <sup>2</sup> Maximum Speed 6,000 RPM Full Bearing Support Required? Yes  Zero-Backlash? Yes Balanced Design Yes  Torque Wrench TW:BT-1R-1/4-18.3 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) 0.132300  UPC 634529048924 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 ap  Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine  Under normal/typical conditions the hubs are capable of holding up to the rated torque of the machine	Screw	M3	Screw Material	Alloy Steel
Dynamic Torque Reversing 0.62 Nm Angular Misalignment 3°  Dynamic Torque Non-Reversing 1.25 Nm Parallel Misalignment 0.20 mm  Static Torque 2.49 Nm Axial Motion 0.13 mm  Torsional Stiffness 1.19 Deg/Nm Moment of Inertia 4.594 x10 <sup>-6</sup> kg-m²  Maximum Speed 6,000 RPM Full Bearing Support Required? Yes  Zero-Backlash? Yes Balanced Design Yes  Torque Wrench TW-BT-1R-1/4-18.3 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) 0.132300  UPC 634529048924 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 ap Torque ratings for the couplings are based on the physical limitations/failure point of the machine 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 ar	Wrench Size 2	2.5 mm	Screw Finish	Black Oxide
Dynamic Torque Non-Reversing 1.25 Nm Parallel Misalignment 0.20 mm  Static Torque 2.49 Nm Axial Motion 0.13 mm  Torsional Stiffness 1.19 Deg/Nm Moment of Inertia 4.594 x10 <sup>-6</sup> kg-m²  Maximum Speed 6,000 RPM Full Bearing Support Required? Yes  Zero-Backlash? Yes Balanced Design Yes  Torque Wrench TW:BT-1R-1/4-18.3 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) 0.132300  UPC 634529048924 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 ap  Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machine  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 ar	ng Torque 2	2.1 Nm	Number of Screws	2 ea
Static Torque 2.49 Nm Axial Motion 0.13 mm  Torsional Stiffness 1.19 Deg/Nm Moment of Inertia 4.594 x10 <sup>-6</sup> kg-m <sup>2</sup> Maximum Speed 6,000 RPM Full Bearing Support Required? Yes  Zero-Backlash? Yes Balanced Design Yes  Torque Wrench TW:BT-1R-1/4-18.3 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) 0.132300  UPC 634529048924 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 ap  Torque ratings for the couplings are based on the physical limitations/failure point of the machine  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 ar	mic Torque Reversing (	0.62 Nm	Angular Misalignment	3°
Torsional Stiffness  1.19 Deg/Nm  Moment of Inertia  4.594 x10 <sup>-6</sup> kg-m <sup>2</sup> Maximum Speed  6,000 RPM  Full Bearing Support Required? Yes  Zero-Backlash?  Yes  Balanced Design  Yes  Torque Wrench  TW:BT-1R-1/4-18.3  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)  0.132300  UPC  634529048924  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 ap  Torque ratings for the couplings are based on the physical limitations/failure point of the machine  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 ar	mic Torque Non-Reversing	1.25 Nm	Parallel Misalignment	0.20 mm
Maximum Speed 6,000 RPM Full Bearing Support Required? Yes  Zero-Backlash? Yes Balanced Design Yes  Torque Wrench TW:BT-1R-1/4-18.3 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) 0.132300  UPC 634529048924 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 ap  Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machine  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 ar	c Torque 2	2.49 Nm	Axial Motion	0.13 mm
Tero-Backlash?  Yes  Balanced Design  Yes  Torque Wrench  TW:BT-1R-1/4-18.3  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 (lbs)  0.132300  UPC  634529048924  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 ap  Note 3  Torque ratings for the couplings are based on the physical limitations/failure point of the machine  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 ar	onal Stiffness	1.19 Deg/Nm	Moment of Inertia	4.594 x10 <sup>-6</sup> kg-m <sup>2</sup>
Torque Wrench  Material Specification  Type 303 Austenitic, Non-Magnetic Bar  Finish Specification  Bright, No Plating  Weight (lbs)  USA  Weight (lbs)  0.132300  UPC  634529048924  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 ap  Torque ratings for the couplings are based on the physical limitations/failure point of the machine  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 ar	mum Speed 6	6,000 RPM	Full Bearing Support Required?	Yes
Material Specification  Type 303 Austenitic, Non-Magnetic Bar  Finish Specification  Bright, No Plating  Manufacturer  Country of Origin  USA  Weight (lbs)  0.132300  UPC  634529048924  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 ap  Note 3  Torque ratings for the couplings are based on the physical limitations/failure point of the machine  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 ar	-Backlash?	Yes	Balanced Design	Yes
Bar  Finish Specification Bright, No Plating Manufacturer Ruland Manufacturing  Country of Origin USA Weight (lbs) 0.132300  UPC 634529048924 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 ap  Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machine  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 ar	ue Wrench	TW:BT-1R-1/4-18.3	Recommended Hex Key	Metric Hex Keys
Country of Origin  USA  Weight (lbs)  0.132300  UPC  634529048924  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 ap  Note 3  Torque ratings for the couplings are based on the physical limitations/failure point of the machine  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 ar	•	•	Temperature	-40°F to 350°F (-40°C to 176°C)
UPC 634529048924 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 ap Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machine 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 ar	h Specification E	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 ap  Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machine  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 ar	itry of Origin	USA	Weight (lbs)	0.132300
Note 1 Torque ratings are at maximum misalignment.  Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular ap  Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machine  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 ar	6	634529048924	Tariff Code	8483.60.8000
Note 2 Performance ratings are for guidance only. The user must determine suitability for a particular ap Note 3 Torque ratings for the couplings are based on the physical limitations/failure point of the machine 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 ar	PC 3	31163003		
Note 3  Torque ratings for the couplings are based on the physical limitations/failure point of the machine 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	1 7	Torque ratings are at maximum misalignment.		
Under normal/typical conditions the hubs are capable of holding up to the rated torque of the made beams. In some cases, especially when the smallest standard bores are used or where shafts are	2 F	Performance ratings are for guidance only. The user must determine suitability for a particular application.		
technical support for more assistance.	լ Է ւ	Torque ratings for the couplings are based on the physical limitations/failure point of the machined beams. 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 technical support for more assistance.		
	65	▲ WARNING This product can expose you to chemicals including Ethylene Thiourea and Nickel (metallic),		

## **Installation Instructions**

1. Align the bores of the PCMR22-8-8-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: 0.20 mm, Axial Motion: 0.13 mm)
- 2. Fully tighten the M3 screw on one hub to the recommended seating torque of 2.1 Nm using a 2.5 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 12.7 mm.