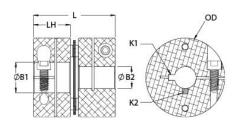




# DCSK36-10-8-A

Ruland DCSK36-10-8-A, 5/8" x 1/2" Single Disc Coupling, Aluminum, Clamp Style With Keyway, 2.250" OD, 2.313" Length





## **Description**

Ruland DCSK36-10-8-A is a clamp single disc coupling with 0.6250" x 0.5000" bores, 2.250" OD, 2.313" length, and 3/16" x 1/8" keyways. It is zero-backlash and has a balanced design for reduced vibration at high speeds. The single disc design is comprised of two anodized aluminum hubs and two sets of thin stainless steel disc springs which can accommodate angular misalignment and axial motion, however does not allow for any parallel misalignment. DCSK36-10-8-A is lightweight and has low inertia making it well suited for applications with speeds up to 10,000 RPM. Hardware is metric and tests beyond DIN 912 12.9 standards for maximum torque capabilities. Ruland manufactures DCSK36-10-8-A to be torisionally rigid and an excellent fit for precise positioning stepper servo applications commonly found in semiconductor, solar, printing, machine tool, and test and measurement systems. It is machined from solid bar stock that is sourced exclusively from North American mills and RoHS3 and REACH compliant. DCSK36-10-8-A is manufactured in our Marlborough, MA factory under strict controls using proprietary processes.

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Manufacturer Ruland Manufacturing Country of Origin USA Weight (Ibs) 0.778100 UPC 634529205006 Tariff Code 8483.60.8000 UNSPC 31163008 Note 1 Stainless steel hubs are available upon request. Note 2 Torque ratings are at maximum misalignment. Note 3 Performance ratings are for guidance only. The user must determine suitability for a particular application. Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. Under normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. In some	i roddot opoomodione						
B1 Max Shaft Penetration       1.085 in       B2 Max Shaft Penetration       1.085 in         Outer Diameter (OD)       2.250 in       Bore Tolerance       +0.001 in / -0.000 in         Length (L)       2.313 in       Hub Width (LH)       1.050 in         Recommended Shaft Tolerance       +0.0000 in / -0.0005 in       Forged Clamp Screw       M6         Screw Material       Alloy Steel       Hex Wrench Size       5.0 mm         Screw Finish       Black Oxide       Seating Torque       16 Nm         Number of Screws       2 ea       Dynamic Torque Non-Reversing       112.5 lb-in         Angular Misalignment       1.0°       Dynamic Torque Non-Reversing       225 lb-in         Parallel Misalignment       0.00 in       Static Torque       450 lb-in         Axial Motion       0.015 in       Torsional Stiffness       1000 lb-in/Deg         Moment of Inertia       0.5231 lb-in²       Maximum Speed       10,000 RPM         Zero-Backlash?       Yes       Balanced Design       Yes         Torque Wrench       TW-BT-4C-3/8-140       Recommended Hex Key       Metric Hex Keys         Full Bearing Support Required?       Yes       Material Specification       Sulfuric Anodized MIL-A-8625 Type in Inc. Class 2 and ASTM B580 Type B Black Anodize         Manufacturer <th>Bore (B1)</th> <th>0.6250 in</th> <th>Small Bore (B2)</th> <th>0.5000 in</th>	Bore (B1)	0.6250 in	Small Bore (B2)	0.5000 in			
Outer Diameter (OD)         2.250 in         Bore Tolerance         +0.001 in / -0.000 in           Length (L)         2.313 in         Hub Width (LH)         1.050 in           Recommended Shaft Tolerance         +0.0000 in / -0.0005 in         Forged Clamp Screw         M6           Screw Material         Alloy Steel         Hex Wrench Size         5.0 mm           Screw Finish         Black Oxide         Seating Torque         16 Nm           Number of Screws         2 ea         Dynamic Torque Reversing         112.5 lb-in           Angular Misalignment         1.0°         Dynamic Torque Non-Reversing         225 lb-in           Parallel Misalignment         0.00 in         Static Torque         450 lb-in           Axial Motion         0.015 in         Torsional Stiffness         1000 lb-in/Deg           Moment of Inertia         0.5231 lb-in²         Maximum Speed         10,000 RPM           Zero-Backlash?         Yes         Balanced Design         Yes           Torque Wrench         Yes         Material Specification         Hubs: 2024-T351 Aluminum Bar, Disc Springs: Type 302 Stainless Steel           Temperature         -40°F to 200°F (-40°C to 93°C)         Finish Specification         Sulfuric Anodized MIL-A-8625 Type II, Class 2 and ASTM B580 Type BBlack Anodize           Manufacturer         <	Keyway (K1)	3/16 in	Keyway (K2)	1/8 in			
Length (L)       2.313 in       Hub Width (LH)       1.050 in         Recommended Shaft Tolerance       +0.0000 in / -0.0005 in       Forged Clamp Screw       M6         Screw Material       Alloy Steel       Hex Wrench Size       5.0 mm         Screw Finish       Black Oxide       Seating Torque       16 Nm         Number of Screws       2 ea       Dynamic Torque Reversing       112.5 lb-in         Angular Misalignment       1.0°       Dynamic Torque Non-Reversing       25 lb-in         Parallel Misalignment       0.00 in       Static Torque       450 lb-in         Axial Motion       0.015 in       Torsional Stiffness       1000 lb-in/Deg         Moment of Inertia       0.5231 lb-in²       Maximum Speed       10,000 RPM         Zero-Backlash?       Yes       Balanced Design       Yes         Torque Wrench       TW-BT-4C-3/8-140       Recommended Hex Key       Metric Hex Keys         Full Bearing Support Required?       Yes       Material Specification       Sulfuric Anodized MIL-A-8625 Type II, Class 2 and ASTM B580 Type B Black Anodize         Temperature       -40°F to 200°F (-40°C to 93°C)       Finish Specification       Sulfuric Anodized MIL-A-8625 Type II, Class 2 and ASTM B580 Type B Black Anodize         Manufacturer       Ruland Manufacturing       Country of Origin	B1 Max Shaft Penetration	1.085 in	B2 Max Shaft Penetration	1.085 in			
Recommended Shaft Tolerance +0.0000 in / -0.0005 in Forged Clamp Screw M6  Screw Material Alloy Steel Hex Wrench Size 5.0 mm  Screw Finish Black Oxide Seating Torque 16 Nm  Number of Screws 2 ea Dynamic Torque Reversing 112.5 lb-in  Angular Misalignment 1.0° Dynamic Torque Non-Reversing 225 lb-in  Parallel Misalignment 0.00 in Static Torque 450 lb-in  Axial Motion 0.015 in Torsional Stiffness 1000 lb-in/Deg  Moment of Inertia 0.5231 lb-in² Maximum Speed 10,000 RPM  Zero-Backlash? Yes Balanced Design Yes  Torque Wrench TW:BT-4C-3/8-140 Recommended Hex Key Metric Hex Keys  Full Bearing Support Required? Yes Material Specification Hubs: 2024-T351 Aluminum Bar, Disc Springs: Type 302 Stainless Steel  Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Suffrir Anodized MIL-A-8625 Type II, Class 2 and ASTM B580 Type B Black Anodize  Manufacturer Ruland Manufacturing Country of Origin USA  Weight (lbs) 0.778100 UPC 634529205006  Tariff Code 8483.60.8000 UNSPC 31163008  Note 1 Stainless steel hubs are available upon request.  Note 2 Torque ratings are for guidance only. The user must determine suitability for a particular application.  Note 3 Performance ratings are for guidance only. The user must determine suitability for a particular application.  Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. Under normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. 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 disc springs. Keyways are available to provide additional	Outer Diameter (OD)	2.250 in	Bore Tolerance	+0.001 in / -0.000 in			
Screw Material         Alloy Steel         Hex Wrench Size         5.0 mm           Screw Finish         Black Oxide         Seating Torque         16 Nm           Number of Screws         2 ea         Dynamic Torque Reversing         112.5 lb-in           Angular Misalignment         1.0°         Dynamic Torque Non-Reversing         225 lb-in           Parallel Misalignment         0.00 in         Static Torque         450 lb-in           Axial Motion         0.015 in         Torsional Stiffness         1000 lb-in/Deg           Moment of Inertia         0.5231 lb-in²         Maximum Speed         10,000 RPM           Zero-Backlash?         Yes         Balanced Design         Yes           Torque Wrench         TW.BT-4C-3/8-140         Recommended Hex Key         Metric Hex Keys           Full Bearing Support Required?         Yes         Material Specification         Hubs: 2024-T351 Aluminum Bar, Disc Springs: Type 302 Stainless Steel           Temperature         -40°F to 200°F (-40°C to 93°C)         Finish Specification         Sulfuric Anodized MIL-A-8625 Type II, Class 2 and ASTM B580 Type B Black Anodize           Manufacturer         Ruland Manufacturing         Country of Origin         USA           Weight (lbs)         0.778100         UPC         634529205006           Tariff Code         84	Length (L)	2.313 in	Hub Width (LH)	1.050 in			
Screw Finish   Black Oxide   Seating Torque   16 Nm	Recommended Shaft Tolerance	+0.0000 in / -0.0005 in	Forged Clamp Screw	M6			
Number of Screws 2 ea Dynamic Torque Reversing 112.5 lb-in Angular Misalignment 1.0° Dynamic Torque Non-Reversing 225 lb-in Parallel Misalignment 0.00 in Static Torque 450 lb-in Axial Motion 0.015 in Torsional Stiffness 1000 lb-in/Deg Moment of Inertia 0.5231 lb-in² Maximum Speed 10,000 RPM Zero-Backlash? Yes Balanced Design Yes Torque Wrench TW:BT-4C-3/8-140 Recommended Hex Key Metric Hex Keys Full Bearing Support Required? Yes Material Specification Hubs: 2024-T351 Aluminum Bar, Disc Springs: Type 302 Stainless Steel  Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A-8625 Type II, Class 2 and ASTM B580 Type B Black Anodize  Manufacturer Ruland Manufacturing Country of Origin USA Weight (lbs) 0.778100 UPC 634529205006 Tariff Code 8483.60.8000 UNSPC 31163008  Note 1 Stainless steel hubs are available upon request.  Note 2 Torque ratings are at maximum misalignment.  Note 3 Performance ratings are for guidance only. The user must determine suitability for a particular application.  Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. 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 disc springs. Keyways are available to provide additional	Screw Material	Alloy Steel	Hex Wrench Size	5.0 mm			
Angular Misalignment         1.0°         Dynamic Torque Non-Reversing         225 lb-in           Parallel Misalignment         0.00 in         Static Torque         450 lb-in           Axial Motion         0.015 in         Torsional Stiffness         1000 lb-in/Deg           Moment of Inertia         0.5231 lb-in²         Maximum Speed         10,000 RPM           Zero-Backlash?         Yes         Balanced Design         Yes           Torque Wrench         TW:BT-4C-3/8-140         Recommended Hex Key         Metric Hex Keys           Full Bearing Support Required?         Yes         Material Specification         Hubs: 2024-T351 Aluminum Bar, Disc Springs: Type 302 Stainless Steel           Temperature         -40°F to 200°F (-40°C to 93°C)         Finish Specification         Sulfuric Anodized MIL-A-8625 Type II, Class 2 and ASTM B580 Type Black Anodize           Manufacturer         Ruland Manufacturing         Country of Origin         USA           Weight (lbs)         0.778100         UPC         634529205006           Tariff Code         8483.60.8000         UNSPC         31163008           Note 1         Stainless steel hubs are available upon request.           Note 2         Torque ratings are at maximum misalignment.           Note 3         Performance ratings are for guidance only. The user must determine suitability for a	Screw Finish	Black Oxide	Seating Torque	16 Nm			
Parallel Misalignment0.00 inStatic Torque450 lb-inAxial Motion0.015 inTorsional Stiffness1000 lb-in/DegMoment of Inertia0.5231 lb-in²Maximum Speed10,000 RPMZero-Backlash?YesBalanced DesignYesTorque WrenchTW:BT-4C-3/8-140Recommended Hex KeyMetric Hex KeysFull Bearing Support Required?YesMaterial SpecificationHubs: 2024-7351 Aluminum Bar, Disc Springs: Type 302 Stainless SteelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A-8625 Type II, Class 2 and ASTM B580 Type B Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (lbs)0.778100UPC634529205006Tariff Code8483.60.8000UNSPC31163008Note 1Stainless steel hubs are available upon request.Note 2Torque ratings are at maximum misalignment.Note 3Performance ratings are for guidance only. The user must determine suitability for a particular application.Note 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. 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 disc springs. Keyways are available to provide additional	Number of Screws	2 ea	Dynamic Torque Reversing	112.5 lb-in			
Axial Motion0.015 inTorsional Stiffness1000 lb-in/DegMoment of Inertia0.5231 lb-in²Maximum Speed10,000 RPMZero-Backlash?YesBalanced DesignYesTorque WrenchTW:BT-4C-3/8-140Recommended Hex KeyMetric Hex KeysFull Bearing Support Required?YesMaterial SpecificationHubs: 2024-T351 Aluminum Bar, Disc Springs: Type 302 Stainless SteelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A-8625 Type II, Class 2 and ASTM B580 Type B Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (Ibs)0.778100UPC634529205006Tariff Code8483.60.8000UNSPC31163008Note 1Stainless steel hubs are available upon request.Note 2Torque ratings are at maximum misalignment.Note 3Performance ratings are for guidance only. The user must determine suitability for a particular application.Note 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. 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 disc springs. Keyways are available to provide additional	Angular Misalignment	1.0°	Dynamic Torque Non-Reversing	225 lb-in			
Moment of Inertia0.5231 lb-in²Maximum Speed10,000 RPMZero-Backlash?YesBalanced DesignYesTorque WrenchTW:BT-4C-3/8-140Recommended Hex KeyMetric Hex KeysFull Bearing Support Required?YesMaterial SpecificationHubs: 2024-T351 Aluminum Bar, Disc Springs: Type 302 Stainless SteelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A-8625 Type II, Class 2 and ASTM B580 Type B Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (lbs)0.778100UPC634529205006Tariff Code8483.60.8000UNSPC31163008Note 1Stainless steel hubs are available upon request.Note 2Torque ratings are at maximum misalignment.Note 3Performance ratings are for guidance only. The user must determine suitability for a particular application.Note 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. Under normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. 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 disc springs. Keyways are available to provide additional	Parallel Misalignment	0.00 in	Static Torque	450 lb-in			
Zero-Backlash?YesBalanced DesignYesTorque WrenchTW:BT-4C-3/8-140Recommended Hex KeyMetric Hex KeysFull Bearing Support Required?YesMaterial SpecificationHubs: 2024-T351 Aluminum Bar, Disc Springs: Type 302 Stainless SteelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A-8625 Type II, Class 2 and ASTM B580 Type B Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (Ibs)0.778100UPC634529205006Tariff Code8483.60.8000UNSPC31163008Note 1Stainless steel hubs are available upon request.Note 2Torque ratings are at maximum misalignment.Note 3Performance ratings are for guidance only. The user must determine suitability for a particular application.Note 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. Under normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. 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 disc springs. Keyways are available to provide additional	Axial Motion	0.015 in	Torsional Stiffness	1000 lb-in/Deg			
Torque Wrench TW:BT-4C-3/8-140 Recommended Hex Key Metric Hex Keys Full Bearing Support Required? Yes Material Specification Hubs: 2024-T351 Aluminum Bar, Disc Springs: Type 302 Stainless Steel Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A-8625 Type II, Class 2 and ASTM B580 Type B Black Anodize Manufacturer Ruland Manufacturing Country of Origin USA Weight (Ibs) 0.778100 UPC 634529205006 Tariff Code 8483.60.8000 UNSPC 31163008 Note 1 Stainless steel hubs are available upon request. Note 2 Torque ratings are at maximum misalignment. Note 3 Performance ratings are for guidance only. The user must determine suitability for a particular application. Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. Under normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. Under normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. 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 disc springs. Keyways are available to provide additional	Moment of Inertia	0.5231 lb-in <sup>2</sup>	Maximum Speed	10,000 RPM			
Full Bearing Support Required? Yes Material Specification Disc Springs: Type 302 Stainless Steel  Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A-8625 Type II, Class 2 and ASTM B580 Type B Black Anodize  Manufacturer Ruland Manufacturing Country of Origin USA  Weight (lbs) 0.778100 UPC 634529205006  Tariff Code 8483.60.8000 UNSPC 31163008  Note 1 Stainless steel hubs are available upon request.  Note 2 Torque ratings are at maximum misalignment.  Note 3 Performance ratings are for guidance only. The user must determine suitability for a particular application.  Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. Under normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. 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 disc springs. Keyways are available to provide additional	Zero-Backlash?	Yes	Balanced Design	Yes			
Temperature  -40°F to 200°F (-40°C to 93°C)  Finish Specification  Sulfuric Anodized MIL-A-8625 Type II, Class 2 and ASTM B580 Type B Black Anodize  Manufacturer  Ruland Manufacturing  Country of Origin  USA  Weight (lbs)  0.778100  UPC  634529205006  Tariff Code  8483.60.8000  UNSPC  31163008  Note 1  Stainless steel hubs are available upon request.  Note 2  Torque ratings are at maximum misalignment.  Note 3  Performance ratings are for guidance only. The user must determine suitability for a particular application.  Note 4  Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. Under normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. 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 disc springs. Keyways are available to provide additional	Torque Wrench	TW:BT-4C-3/8-140	Recommended Hex Key	Metric Hex Keys			
Manufacturer Ruland Manufacturing Country of Origin USA Weight (Ibs) 0.778100 UPC 634529205006 Tariff Code 8483.60.8000 UNSPC 31163008 Note 1 Stainless steel hubs are available upon request. Note 2 Torque ratings are at maximum misalignment. Note 3 Performance ratings are for guidance only. The user must determine suitability for a particular application. Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. Under normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. 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 disc springs. Keyways are available to provide additional	Full Bearing Support Required?	Yes	Material Specification	Disc Springs: Type 302 Stainless			
Weight (lbs)  0.778100  UPC  634529205006  Tariff Code  8483.60.8000  UNSPC  31163008  Note 1  Stainless steel hubs are available upon request.  Note 2  Torque ratings are at maximum misalignment.  Note 3  Performance ratings are for guidance only. The user must determine suitability for a particular application.  Note 4  Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. Under normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. In some cases, especially when the smallest standard bores are used or where shafts are undersized, slippage on th shaft is possible below the rated torque of the disc springs. Keyways are available to provide additional	Temperature	-40°F to 200°F (-40°C to 93°C)	Finish Specification	Sulfuric Anodized MIL-A-8625 Type II, Class 2 and ASTM B580 Type B Black Anodize			
Tariff Code  8483.60.8000  UNSPC  31163008  Note 1  Stainless steel hubs are available upon request.  Note 2  Torque ratings are at maximum misalignment.  Note 3  Performance ratings are for guidance only. The user must determine suitability for a particular application.  Note 4  Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. Under normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. 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 disc springs. Keyways are available to provide additional	Manufacturer	Ruland Manufacturing	Country of Origin	USA			
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Note 2 Torque ratings are at maximum misalignment.  Note 3 Performance ratings are for guidance only. The user must determine suitability for a particular application.  Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. Under normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. 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 disc springs. Keyways are available to provide additional	Tariff Code	8483.60.8000	UNSPC	31163008			
Note 3  Performance ratings are for guidance only. The user must determine suitability for a particular application.  Note 4  Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. Under normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. 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 disc springs. Keyways are available to provide additional	Note 1	Stainless steel hubs are available upon request.					
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normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. 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 disc springs. Keyways are available to provide additional	Note 3	Performance ratings are for guidance only. The user must determine suitability for a particular application.					
	Note 4	normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. 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 disc springs. Keyways are available to provide additional					

#### assistance.

## Prop 65

**MARNING** This product can expose you to chemicals including Ethylene Thiourea and Nickel (metallic), known to the State of California to cause cancer, and Ethylene Thiourea known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="https://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>.

### **Installation Instructions**

- Align the bores of the DCSK36-10-8-A single disc coupling on the shafts that are to be joined and determine if the misalignment parameters are within the limits of the coupling. (*Angular Misialignment*: 1.0°, *Parallel Misalignment*: 0.00 in, *Axial Motion*: 0.015 in)
- 2. Fully tighten the M6 screw on the first hub to the recommended seating torque of 16 Nm using a 5.0 mm hex torque wrench.
- 3. Before tightening the screw on the second hub, rotate the coupling by hand to allow it to reach its free length.
- 4. Tighten the screw 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 1.085 in.