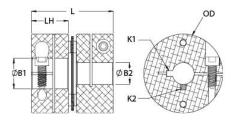




## DCSK21-10-5-A

Ruland DCSK21-10-5-A, 5/8" x 5/16" Single Disc Coupling, Aluminum, Clamp Style With Keyway, 1.313" OD, 1.313" Length





## Description

Ruland DCSK21-10-5-A is a clamp single disc coupling with 0.6250" x 0.3125" bores, 1.313" OD, 1.313" length, and 3/16" keyway on the 5/8" bore and no keyway on the 5/16" bore. 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. DCSK21-10-5-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 DCSK21-10-5-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. DCSK21-10-5-A is manufactured in our Marlborough, MA factory under strict controls using proprietary processes.

## **Product Specifications**

Disc Springs: Type 302 Sta SteelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A-86 II, Class 2 and ASTM B580 Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (lbs)0.133600UPC634529201145Tariff Code8483.60.8000UNSPC31163008Note 1Stainless steel hubs are available upon request.Note 2Note 2Torque ratings are at maximum misalignment.Note 3Note 3Performance ratings are for guidance only. The user must determine suitability for a particular applicNote 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. I cases, especially when the smallest standard bores are used or where shafts are undersized, slippa	Froduct Specifications			
B1 Max Shaft Penetration       0.590 in       B2 Max Shaft Penetration       0.635 in         Outer Diameter (OD)       1.313 in       Bore Tolerance       +0.001 in / -0.000 in         Length (L)       1.313 in       Hub Width (LH)       0.590 in         Recommended Shaft Tolerance       +0.0000 in / -0.0005 in       Forged Clamp 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       25 lb-in         Angular Misalignment       1.0°       Dynamic Torque Non-Reversing       50 lb-in         Parallel Misalignment       0.000 in       Static Torque       100 lb-in         Axial Motion       0.008 in       Torsional Stiffness       313 lb-in/Deg         Moment of Inertia       0.0325 lb-in <sup>2</sup> Maximum Speed       10,000 RPM         Zero-Backlash?       Yes       Balanced Design       Yes         Full Bearing Support Required?       Yes       Material Specification       Hubs: 2024-T351 Aluminur Disc Springs: Type 302 Sties Steel         Temperature       -40°F to 200°F (-40°C to 93°C)       Finish Specification       Sulfuric Anodized MIL-A-86 III, Class 2 and ASTM B580 Black Anodize	Bore (B1)	0.6250 in	Small Bore (B2)	0.3125 in
Outer Diameter (OD)       1.313 in       Bore Tolerance       +0.001 in /-0.000 in         Length (L)       1.313 in       Hub Width (LH)       0.590 in         Recommended Shaft Tolerance       +0.0000 in /-0.0005 in       Forged Clamp 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       25 lb-in         Angular Misalignment       1.0°       Dynamic Torque Non-Reversing       50 lb-in         Parallel Misalignment       0.00 in       Static Torque       100 lb-in         Axial Motion       0.008 in       Torsional Stiffness       313 lb-in/Deg         Moment of Inertia       0.0325 lb-in <sup>2</sup> Maximum Speed       10.000 RPM         Zero-Backlash?       Yes       Balanced Design       Yes         Torque Wrench       TW/BT-IR-1/4-18.3       Recommended Hex Key       Metric Hex Keys         Full Bearing Support Required?       Yes       Material Specification       Sulfuric Anodized MIL-A-86 II, class 2 and ASTM B580         Manufacturer       Ruland Manufacturing       Country of Origin       USA         Weight (lbs)       0.133600       UPC	Keyway (K1)	3/16 in	Keyway (K2)	NK
Length (L)       1.313 in       Hub Width (LH)       0.590 in         Recommended Shaft Tolerance       +0.0000 in / -0.0005 in       Forged Clamp 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       25 lb-in         Angular Misalignment       1.0°       Dynamic Torque Non-Reversing       50 lb-in         Parallel Misalignment       0.00 in       Static Torque       100 lb-in         Axial Motion       0.008 in       Torsional Stiffness       313 lb-in/Deg         Moment of Inertia       0.0325 lb-in <sup>2</sup> Maximum Speed       10,000 RPM         Zero-Backlash?       Yes       Balanced Design       Yes         Torque Wrench       TW:BT-1R-1/4-18.3       Recommended Hex Key       Metric Hex Keys         Full Bearing Support Required?       Yes       Material Specification       Hubs: 2024-T351 Aluminur Disc Springs: Type 302 Sta Steel         Temperature       -40°F to 200°F (-40°C to 93°C)       Finish Specification       II, Class 2 and ASTM B580 Black Anodize         Manufacturer       Ruland Manufacturing       Country of Origin       USA         Weight (lbs)	B1 Max Shaft Penetration	0.590 in	B2 Max Shaft Penetration	0.635 in
Recommended Shaft Tolerance+0.0000 in /-0.0005 inForged Clamp ScrewM3Screw MaterialAlloy SteelHex Wrench Size2.5 mmScrew FinishBlack OxideSeating Torque2.1 NmNumber of Screws2 eaDynamic Torque Reversing25 lb-inAngular Misalignment1.0°Dynamic Torque Non-Reversing50 lb-inParallel Misalignment0.00 inStatic Torque100 lb-inAxial Motion0.008 inTorsional Stiffness313 lb-in/DegMoment of Inertia0.0325 lb-in <sup>2</sup> Maximum Speed10,000 RPMZero-Backlash?YesBalanced DesignYesTorque WrenchTW:BT-1R-1/4-18.3Recommended Hex KeyMetric Hex KeysFull Bearing Support Required?YesMaterial SpecificationHubs: 2024-7351 Aluminur Disc Springs: Type 302 Sta SteelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A-86 II, Class 2 and ASTM B580 Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (Ibs)0.133600UPC634529201145Tariff 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 applicNote 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. normal/typical conditions the hubs are capa	Outer Diameter (OD)	1.313 in	Bore Tolerance	+0.001 in / -0.000 in
Screw MaterialAlloy SteelHex Wrench Size2.5 mmScrew FinishBlack OxideSeating Torque2.1 NmNumber of Screws2 eaDynamic Torque Reversing25 lb-inAngular Misalignment1.0°Dynamic Torque Non-Reversing50 lb-inParallel Misalignment0.00 inStatic Torque100 lb-inAxial Motion0.008 inTorsional Stiffness313 lb-in/DegMoment of Inertia0.0325 lb-in²Maximum Speed10,000 RPMZero-Backlash?YesBalanced DesignYesTorque WrenchTW:BT-1R-1/4-18.3Recommended Hex KeyMetric Hex KeysFull Bearing Support Required?YesMaterial SpecificationHubs: 2024-T351 Aluminur Disc Springs: Type 302 StatelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A-86 II, Class 2 and ASTM B580 Black AnodizeMaufacturerRuland ManufacturingCountry of OriginUSAWeight (lbs)0.133600UPC634529201145Tariff Code8483.60.8000UNSPC31163008Note 1Stainless steel hubs are available upon request.Torque ratings are at maximum misalignment.Note 3Performance ratings are for guidance only. The user must determine suitability for a particular applicNote 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. cases, especially when the smallest standard bores are used or where shafts are undersized, slippa	Length (L)	1.313 in	Hub Width (LH)	0.590 in
Screw FinishBlack OxideSeating Torque2.1 NmNumber of Screws2 eaDynamic Torque Reversing25 lb-inAngular Misalignment1.0°Dynamic Torque Non-Reversing50 lb-inParallel Misalignment0.00 inStatic Torque100 lb-inAxial Motion0.008 inTorsional Stiffness313 lb-in/DegMoment of Inertia0.0325 lb-in²Maximum Speed10,000 RPMZero-Backlash?YesBalanced DesignYesTorque WrenchTW:BT-1R-1/4-18.3Recommended Hex KeyMetric Hex KeysFull Bearing Support Required?YesMaterial SpecificationHubs: 2024-T351 Aluminur Disc Springs: Type 302 Sts SteelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A-86 II, Class 2 and ASTM B580 Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (lbs)0.133600UPC634529201145Tariff Code8483.60.8000UNSPC31163008Note 1Stainless steel hubs are available upon request.Torque ratings are at maximum misalignment.Note 3Performance ratings are for guidance only. The user must determine suitability for a particular applicNote 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. I cases, especially when the smallest standard bores are used or where shafts are undersized, slippa	Recommended Shaft Tolerance	+0.0000 in / -0.0005 in	Forged Clamp Screw	M3
Number of Screws2 eaDynamic Torque Reversing25 lb-inAngular Misalignment1.0°Dynamic Torque Non-Reversing50 lb-inParallel Misalignment0.00 inStatic Torque100 lb-inAxial Motion0.008 inTorsional Stiffness313 lb-in/DegMoment of Inertia0.0325 lb-in²Maximum Speed10,000 RPMZero-Backlash?YesBalanced DesignYesTorque WrenchTW.BT-1R-1/4-18.3Recommended Hex KeyMetric Hex KeysFull Bearing Support Required?YesMaterial SpecificationHubs: 2024-T351 Aluminur Disc Springs: Type 302 Sta SteelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A-86 II, Class 2 and ASTM B580 Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (lbs)0.133600UPC634529201145Tariff Code8483.60.8000UNSPC31163008Note 1Stainless steel hubs are available upon request.Note 2Note 2Torque ratings are at maximum misalignment.Note 3Performance ratings are for guidance only. The user must determine suitability for a particular applicNote 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. raque onditions the hubs are capable of holding up to the rated torque of the disc springs. rage as especially when the smallest standard bores are used or where shafts are undersized, slippa	Screw Material	Alloy Steel	Hex Wrench Size	2.5 mm
Angular Misalignment       1.0°       Dynamic Torque Non-Reversing       50 lb-in         Parallel Misalignment       0.00 in       Static Torque       100 lb-in         Axial Motion       0.008 in       Torsional Stiffness       313 lb-in/Deg         Moment of Inertia       0.0325 lb-in <sup>2</sup> Maximum Speed       10,000 RPM         Zero-Backlash?       Yes       Balanced Design       Yes         Torque Wrench       TW:BT-IR-1/4-18.3       Recommended Hex Key       Metric Hex Keys         Full Bearing Support Required?       Yes       Material Specification       Hubs: 2024-T351 Aluminur         Full Bearing Support Required?       Yes       Material Specification       Sulfuric Anodized MIL-A-86 II, Class 2 and ASTM 8580 Black Anodize         Manufacturer       Ruland Manufacturing       Country of Origin       USA         Weight (lbs)       0.133600       UPC       634529201145         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 applic norque of the disc springs. I cases, especially when the smallest standard bores are used or where shafts are undersized, slippa <td>Screw Finish</td> <td>Black Oxide</td> <td>Seating Torque</td> <td>2.1 Nm</td>	Screw Finish	Black Oxide	Seating Torque	2.1 Nm
Parallel Misalignment0.00 inStatic Torque100 lb-inAxial Motion0.008 inTorsional Stiffness313 lb-in/DegMoment of Inertia0.0325 lb-in²Maximum Speed10,000 RPMZero-Backlash?YesBalanced DesignYesTorque WrenchTW:BT-1R-1/4-18.3Recommended Hex KeyMetric Hex KeysFull Bearing Support Required?YesMaterial SpecificationHubs: 2024-T351 Aluminur Disc Springs: Type 302 Sta SteelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A-86 II, Class 2 and ASTM B580 Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (lbs)0.133600UPC634529201145Tariff Code8483.60.8000UNSPC31163008Note 1Stainless steel hubs are available upon request.Note 2Note 2Torque ratings are at maximum misalignment.Note 3Note 3Performance ratings are for guidance only. The user must determine suitability for a particular applic normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. I orque ratings for the couplings are based on the physical limitations/failure point of the disc springs. I cases, especially when the smallest standard bores are used or where shafts are undersized, slippa	Number of Screws	2 ea	Dynamic Torque Reversing	25 lb-in
Axial Motion0.008 inTorsional Stiffness313 lb-in/DegMoment of Inertia0.0325 lb-in²Maximum Speed10,000 RPMZero-Backlash?YesBalanced DesignYesTorque WrenchTW:BT-1R-1/4-18.3Recommended Hex KeyMetric Hex KeysFull Bearing Support Required?YesMaterial SpecificationHubs: 2024-T351 Aluminur Disc Springs: Type 302 Sta SteelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A-86 II, Class 2 and ASTM B580 Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (lbs)0.133600UPC634529201145Tariff Code8483.60.8000UNSPC31163008Note 1Stainless steel hubs are available upon request.Note 1Note 2Torque ratings are at maximum misalignment.Note 3Note 3Performance ratings are for guidance only. The user must determine suitability for a particular applicNote 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. I cases, especially when the smallest standard bores are used or where shafts are undersized, slippa	Angular Misalignment	1.0°	Dynamic Torque Non-Reversing	50 lb-in
Moment of Inertia0.0325 lb-in²Maximum Speed10,000 RPMZero-Backlash?YesBalanced DesignYesTorque WrenchTW:BT-1R-1/4-18.3Recommended Hex KeyMetric Hex KeysFull Bearing Support Required?YesMaterial SpecificationHubs: 2024-T351 Aluminur Disc Springs: Type 302 Sta SteelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A-86 II, Class 2 and ASTM B580 Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (lbs)0.133600UPC634529201145Note 1Stainless steel hubs are available upon request.Note 3Performance ratings are at maximum misalignment.Note 3Performance ratings are for guidance only. The user must determine suitability for a particular applicNote 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs.	Parallel Misalignment	0.00 in	Static Torque	100 lb-in
Zero-Backlash?YesBalanced DesignYesTorque WrenchTW:BT-1R-1/4-18.3Recommended Hex KeyMetric Hex KeysFull Bearing Support Required?YesMaterial SpecificationHubs: 2024-T351 Aluminur Disc Springs: Type 302 Sta SteelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A-86 II, Class 2 and ASTM B580 Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (lbs)0.133600UPC634529201145Tariff Code8483.60.8000UNSPC31163008Note 1Stainless steel hubs are available upon request.Note 2Note 3Performance ratings are for guidance only. The user must determine suitability for a particular applicNote 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. I cases, especially when the smallest standard bores are used or where shafts are undersized, slippa	Axial Motion	0.008 in	Torsional Stiffness	313 lb-in/Deg
Torque WrenchTW:BT-1R-1/4-18.3Recommended Hex KeyMetric Hex KeysFull Bearing Support Required?YesMaterial SpecificationHubs: 2024-T351 Aluminur Disc Springs: Type 302 Sta SteelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A-86 II, Class 2 and ASTM B580 Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (lbs)0.133600UPC634529201145Tariff Code8483.60.8000UNSPC31163008Note 1Stainless steel hubs are available upon request.Note 2Note 3Performance ratings are for guidance only. The user must determine suitability for a particular applicNote 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. I cases, especially when the smallest standard bores are used or where shafts are undersized, slippa	Moment of Inertia	0.0325 lb-in <sup>2</sup>	Maximum Speed	10,000 RPM
Full Bearing Support Required?YesMaterial SpecificationHubs: 2024-T351 Aluminur Disc Springs: Type 302 Sta SteelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A-86 II, Class 2 and ASTM B580 Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (lbs)0.133600UPC634529201145Tariff 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 applicNote 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. I cases, especially when the smallest standard bores are used or where shafts are undersized, slippa	Zero-Backlash?	Yes	Balanced Design	Yes
Disc Springs: Type 302 Sta SteelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A-86 II, Class 2 and ASTM B580 Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (lbs)0.133600UPC634529201145Tariff Code8483.60.8000UNSPC31163008Note 1Stainless steel hubs are available upon request.Note 2Note 2Torque ratings are at maximum misalignment.Note 3Note 3Performance ratings are for guidance only. The user must determine suitability for a particular applic normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. I cases, especially when the smallest standard bores are used or where shafts are undersized, slippa	Torque Wrench	TW:BT-1R-1/4-18.3	Recommended Hex Key	Metric Hex Keys
II, Class 2 and ASTM B580 Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (lbs)0.133600UPC634529201145Tariff Code8483.60.8000UNSPC31163008Note 1Stainless steel hubs are available upon request.Torque ratings are at maximum misalignment.Note 2Torque ratings are for guidance only. The user must determine suitability for a particular applicNote 3Performance ratings are for guidance only. The user must determine suitability for a particular applicNote 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. I cases, especially when the smallest standard bores are used or where shafts are undersized, slippa	Full Bearing Support Required?	Yes	Material Specification	Hubs: 2024-T351 Aluminum Bar, Disc Springs: Type 302 Stainless Steel
Weight (lbs)0.133600UPC634529201145Tariff 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 applicNote 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. I cases, especially when the smallest standard bores are used or where shafts are undersized, slippa	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 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 applicNote 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. I cases, especially when the smallest standard bores are used or where shafts are undersized, slippa	Manufacturer	Ruland Manufacturing	Country of Origin	USA
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 applic         Note 4       Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. I cases, especially when the smallest standard bores are used or where shafts are undersized, slippa	Weight (lbs)	0.133600	UPC	634529201145
Note 2         Torque ratings are at maximum misalignment.           Note 3         Performance ratings are for guidance only. The user must determine suitability for a particular applic           Note 4         Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. I cases, especially when the smallest standard bores are used or where shafts are undersized, slippa	Tariff Code	8483.60.8000	UNSPC	31163008
Note 3         Performance ratings are for guidance only. The user must determine suitability for a particular applic           Note 4         Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. I cases, especially when the smallest standard bores are used or where shafts are undersized, slippa	Note 1	Stainless steel hubs are available upon request.		
Note 4         Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. I cases, especially when the smallest standard bores are used or where shafts are undersized, slippa	Note 2	Torque ratings are at maximum misalignment.		
normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. I cases, especially when the smallest standard bores are used or where shafts are undersized, slippa	Note 3	Performance ratings are for guidance only. The user must determine suitability for a particular application.		
shar is possible below the rated torque of the disc springs. Reyways are available to provide addition	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 capacity in the shaft/hub connection when required. Please consult technical support for more assistance.		
Ргор 65	<b>WARNING</b> 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 <u>www.P65Warnings.ca.gov</u> .		
Installation Instructions			
	<ol> <li>Align the bores of the DCSK21-10-5-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. (<i>Angular Misialignment:</i> 1.0°, <i>Parallel Misalignment:</i> 0.00 in, <i>Axial Motion:</i> 0.008 in)</li> <li>Fully tighten the M3 screw on the first hub to the recommended seating torque of 2.1 Nm using a 2.5 mm hex torque wrench.</li> <li>Before tightening the screw on the second hub, rotate the coupling by hand to allow it to reach its free length.</li> <li>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.</li> <li>The shafts may extend into the relieved portion of the bore as long as it does not exceed the shaft penetration length of 0.590 in for bore 1 and 0.635 in for bore 2.</li> </ol>		