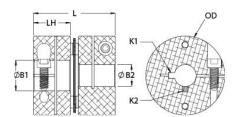




## DCSK21-10-10-A

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





## **Description**

Ruland DCSK21-10-10-A is a clamp single disc coupling with 0.6250" x 0.6250" bores, 1.313" OD, 1.313" length, and 3/16" x 3/16" 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. DCSK21-10-10-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 DCSK21-10-10-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. DCSK21-10-10-A is manufactured in our Marlborough, MA factory under strict controls using proprietary processes

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Disc Springs: Type 302 Stainle Steel  Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A-8625 II, Class 2 and ASTM B580 Ty Black Anodize  Manufacturer Ruland Manufacturing Country of Origin USA  Weight (Ibs) 0.119800 UPC 634529201138  Tariff Code 8483.60.8000 UNSPC 31163008  Note 1 Stainless steel hubs are available upon request.  Note 2 Torque ratings are at maximum misalignment.	r roduct opecifications								
B1 Max Shaft Penetration   0.590 in   B2 Max Shaft Penetration   0.590 in	Bore (B1)	0.6250 in	Small Bore (B2)	0.6250 in					
Outer Diameter (OD) 1.313 in Bore Tolerance +0.001 in / -0.000 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 0.0316 lb-in² 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 Aluminum B Disc Springs: Type 302 Stainle Steel    Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification USA    Weight (lbs) 0.119800 UPC 634529201138    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. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. U normal/typical conditions the hubs are capable of where shafts are undersized, slippage shafts are undersized, sli	Keyway (K1)	3/16 in	Keyway (K2)	3/16 in					
Length (L) 1.313 in Hub Width (LH) 0.590 in  Recommended Shaft Tolerance 40.0000 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 0.0316 lb-in² 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 Aluminum B Disc Springs: Type 302 Stainle Steel  Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A-8625 II, Class 2 and ASTM B580 Ty Black Anodize  Manufacturer Ruland Manufacturing Country of Origin USA  Weight (lbs) 0.119800 UPC 634529201138  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. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. U normal/typical conditions the hubs are capable of where shafts are undersized, slippage	B1 Max Shaft Penetration	0.590 in	B2 Max Shaft Penetration	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 0.0316 lb-in² 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 Aluminum B Disc Springs: Type 302 Stainle Steel  Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification USA  Weight (lbs) 0.119800 UPC 634529201138  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 4  Forque ratings for the couplings are based on the physical limitations/failure point of the disc springs. I unormal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. I unormal/typical conditions the hubs are used or where shafts are undersized, slippage	Outer Diameter (OD)	1.313 in	Bore Tolerance	+0.001 in / -0.000 in					
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         0.0316 lb-in²         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         Sulfuric Anodized MIL-A-8625 lb-in           Temperature         -40°F to 200°F (-40°C to 93°C)         Finish Specification         Sulfuric Anodized MIL-A-8625 lb-in           Manufacturer         Ruland Manufacturing         Country of Origin         USA           Weight (lbs)         0.119800         UPC         634529201138           Tariff Code         8483.60.8000         UNSPC         31163008	Length (L)	1.313 in	Hub Width (LH)	0.590 in					
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  0.0316 lb-in²  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 Aluminum B  Disc Springs: Type 302 Stainle  Steel  Temperature  -40°F to 200°F (-40°C to 93°C)  Finish Specification  Sulfuric Anodized MIL-A-8625  II, Class 2 and ASTM B580 Ty  Black Anodize  Manufacturer  Ruland Manufacturing  Country of Origin  USA  Weight (lbs)  0.119800  UPC  634529201138  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 s  cases, especially when the smallest standard bores are used or where shafts are undersized, slippage	Recommended Shaft Tolerance	+0.0000 in / -0.0005 in	Forged Clamp Screw	M3					
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 0.0316 lb-in² 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 Aluminum B Disc Springs: Type 302 Stainle Steel  Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A-8625 II, Class 2 and ASTM B580 Ty Black Anodize  Manufacturer Ruland Manufacturing Country of Origin USA Weight (lbs) 0.119800 UPC 634529201138  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 applicatic Note 4 roque ratings are based on the physical limitations/failure point of the disc springs. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. In scases, especially when the smallest standard bores are used or where shafts are undersized, slippage	Screw Material	Alloy Steel	Hex Wrench Size	2.5 mm					
Angular Misalignment Parallel Misalignment O.00 in Static Torque Non-Reversing 100 lb-in Axial Motion O.008 in Torsional Stiffness 313 lb-in/Deg Moment of Inertia O.0316 lb-in² 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 Disc Springs: Type 302 Stainle Steel Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A-8625 II, Class 2 and ASTM B580 Ty Black Anodize  Manufacturer Ruland Manufacturing Country of Origin USA Weight (lbs) O.119800 UPC 634529201138 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 applicatio Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. In scases, especially when the smallest standard bores are used or where shafts are undersized, slippage	Screw Finish	Black Oxide	Seating Torque	2.1 Nm					
Parallel Misalignment  0.00 in  Static Torque  100 lb-in  Axial Motion  0.008 in  Torsional Stiffness  313 lb-in/Deg  Moment of Inertia  0.0316 lb-in²  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 Aluminum B Disc Springs: Type 302 Stainle Steel  Temperature  -40°F to 200°F (-40°C to 93°C)  Finish Specification  Sulfuric Anodized MIL-A-8625 II, Class 2 and ASTM B580 Ty Black Anodize  Manufacturer  Ruland Manufacturing  Country of Origin  USA  Weight (lbs)  0.119800  UPC  634529201138  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 applicatic Note 3  Performance ratings are for guidance only. The user must determine suitability for a particular applicatic Note 4  Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. In scases, especially when the smallest standard bores are used or where shafts are undersized, slippage	Number of Screws	2 ea	Dynamic Torque Reversing	25 lb-in					
Axial Motion  0.008 in Torsional Stiffness 313 lb-in/Deg  Moment of Inertia  0.0316 lb-in² 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 Aluminum B Disc Springs: Type 302 Stainle Steel  Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A-8625 II, Class 2 and ASTM B580 Ty Black Anodize  Manufacturer Ruland Manufacturing Country of Origin USA  Weight (lbs) 0.119800 UPC 634529201138  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 are for guidance only. The user must determine suitability for a particular application Note 1 Stainless steel hubs are capable of holding up to the rated torque of the disc springs. Unormal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. Unormal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. Unormal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. Unormal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. Unormal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. Unormal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. In scases, especially when the smallest standard bores are used or where shafts are undersized, slippage	Angular Misalignment	1.0°	Dynamic Torque Non-Reversing	50 lb-in					
Moment of Inertia  0.0316 lb-in²  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 Aluminum B Disc Springs: Type 302 Stainle Steel  Temperature  -40°F to 200°F (-40°C to 93°C)  Finish Specification  Sulfuric Anodized MIL-A-8625 II, Class 2 and ASTM B580 Ty Black Anodize  Manufacturer  Ruland Manufacturing  Country of Origin  USA  Weight (lbs)  0.119800  UPC  634529201138  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. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. In scases, especially when the smallest standard bores are used or where shafts are undersized, slippage	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 Aluminum B Disc Springs: Type 302 Stainle SteelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A-8625 II, Class 2 and ASTM B580 Ty Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (lbs)0.119800UPC634529201138Tariff 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. Unormal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. In scases, especially when the smallest standard bores are used or where shafts are undersized, slippage	Axial Motion	0.008 in	Torsional Stiffness	313 lb-in/Deg					
Torque Wrench TW:BT-1R-1/4-18.3 Recommended Hex Key Metric Hex Keys Full Bearing Support Required? Yes Material Specification Disc Springs: Type 302 Stainle Steel Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A-8625 II, Class 2 and ASTM B580 Ty Black Anodize  Manufacturer Ruland Manufacturing Country of Origin USA Weight (lbs) 0.119800 UPC 634529201138 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. Unormal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. In scases, especially when the smallest standard bores are used or where shafts are undersized, slippage	Moment of Inertia	0.0316 lb-in <sup>2</sup>	Maximum Speed	10,000 RPM					
Full Bearing Support Required? Yes Material Specification Hubs: 2024-T351 Aluminum B Disc Springs: Type 302 Stainle Steel  Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A-8625 II, Class 2 and ASTM B580 Ty Black Anodize  Manufacturer Ruland Manufacturing Country of Origin USA  Weight (lbs) 0.119800 UPC 634529201138  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 of the disc springs. Use and the physical limitations/failure point of the disc springs. Use and the physical limitations/failure point of the disc springs. In scases, especially when the smallest standard bores are used or where shafts are undersized, slippage	Zero-Backlash?	Yes	Balanced Design	Yes					
Disc Springs: Type 302 Stainle Steel  Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A-8625 II, Class 2 and ASTM B580 Ty Black Anodize  Manufacturer Ruland Manufacturing Country of Origin USA  Weight (Ibs) 0.119800 UPC 634529201138  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. Unormal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. In scases, especially when the smallest standard bores are used or where shafts are undersized, slippage	Torque Wrench	TW:BT-1R-1/4-18.3	Recommended Hex Key	Metric Hex Keys					
Manufacturer Ruland Manufacturing Country of Origin USA Weight (lbs) 0.119800 UPC 634529201138 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 are based on the physical limitations/failure point of the disc springs. Unormal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. In scases, especially when the smallest standard bores are used or where shafts are undersized, slippage	Full Bearing Support Required?	Yes	Material Specification	Hubs: 2024-T351 Aluminum Bar, Disc Springs: Type 302 Stainless Steel					
Weight (lbs)  0.119800  UPC 634529201138  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 of the disc springs. Unormal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. In scases, especially when the smallest standard bores are used or where shafts are undersized, slippage	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 of the disc springs. Unormal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. In scases, especially when the smallest standard bores are used or where shafts are undersized, slippage	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 application of the disc springs. Under the physical limitations/failure point of the disc springs. Under a normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. In second or where shafts are undersized, slippage	Weight (lbs)	0.119800	UPC	634529201138					
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 of the 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. Unormal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. In scases, especially when the smallest standard bores are used or where shafts are undersized, slippage	Tariff Code	8483.60.8000	UNSPC	31163008					
Note 3  Performance ratings are for guidance only. The user must determine suitability for a particular application of the 4  Torque ratings for the couplings are based on the physical limitations/failure point of the disc springs. Use normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. In scases, especially when the smallest standard bores are used or where shafts are undersized, slippage	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. U normal/typical conditions the hubs are capable of holding up to the rated torque of the disc springs. In s cases, especially when the smallest standard bores are used or where shafts are undersized, slippage	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. In s cases, especially when the smallest standard bores are used or where shafts are undersized, slippage	Note 3	Performance ratings are for guidance only. The user must determine suitability for a particular application.							
	Note 4	normal/typical conditions the hubs cases, especially when the smaller	are capable of holding up to the rated st standard bores are used or where	d torque of the disc springs. In some shafts are undersized, slippage on th					

torque capacity in the shaft/hub connection when required. Please consult technical support for more 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 DCSK21-10-10-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*: 0.008 in)
- 2. 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.
- 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 0.590 in.