



DCSK36-10-10-A

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





Description

Ruland DCSK36-10-10-A is a clamp single disc coupling with 0.6250" x 0.6250" bores, 2.250" OD, 2.313" 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. DCSK36-10-10-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 DCSK36-10-10-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. DCSK36-10-10-A is manufactured in our Marlborough, MA factory under strict controls using proprietary processes.

Product Specifications

Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A II, Class 2 and ASTM B Black Anodize Manufacturer Ruland Manufacturing Country of Origin USA Weight (lbs) 0.766400 UPC 634529204993 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 ap Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slip	r roduct opecifications			
B1 Max Shaft Penetration 1.085 in B2 Max Shaft Penetration 1.085 in	Bore (B1)	0.6250 in	Small Bore (B2)	0.6250 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 0.5221 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 Suffuric Anodized MIL-A Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Suffuric Anodized	Keyway (K1)	3/16 in	Keyway (K2)	3/16 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 0.5221 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 Alumi Disc Springs: Type 302 Steel Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A II, Class 2 and ASTM B. Black Anodize Manufacturer Ruland Manufacturing Country of Origin USA Weight (Ibs) 0.766400 UPC 634529204993 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 ap Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, sligners are used or where shafts are undersized.	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 0.5221 lb-in² Maximum Speed 10,000 RPM Zero-Backlash? Yes Balanced Design Yes Torque Wrench Tw.BT-4C-3/8-14Q Recommended Hex Key Metric Hex Keys Full Bearing Support Required? Yes Material Specification Hubs: 2024-T351 Alumi Disc Springs: Type 302 Steel Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification USA Weight (lbs) 0.766400 UPC 634529204993 Tariff Code 8483.60.8000 UPC 634529204993 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 ap Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slight and suitability for the rated torque of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slight	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 11.2.5 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 0.5221 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 Alumi Disc Springs: Type 302 Steel Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A II, Class 2 and ASTM B. Black Anodize Manufacturer Ruland Manufacturing Country of Origin USA Weight (lbs) 0.766400 UPC 634529204993 Tariff Code 8483.60.8000 UNSPC 31163008 Note 1 Stainless steel hubs a	Length (L)	2.313 in	Hub Width (LH)	1.050 in
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 0.515 in Torsional Stiffness 1000 lb-in/Deg Moment of Inertia 0.5221 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 Alumi Disc Springs: Type 302 Steel Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A II, Class 2 and ASTM B. Black Anodize Manufacturer Ruland Manufacturing Country of Origin USA Weight (lbs) 0.766400 UPC 634529204993 Tariff Code 8483.60.8000 UNSPC 31163008 Note 1 Stainless steel hubs are available upon request.	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 0.5221 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 Usc Springs: Type 302 Steel Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A II, Class 2 and ASTM B Black Anodize Manufacturer Ruland Manufacturing Country of Origin USA Weight (lbs) 0.766400 UPC 634529204993 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 ap Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slip	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 0.5221 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: 2024-7351 Alumi Disc Springs: Type 302 Steel Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A II, Class 2 and ASTM B Black Anodize Manufacturer Ruland Manufacturing Country of Origin USA Weight (lbs) 0.766400 UPC 634529204993 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 paidance only. The user must determine suitability for a particular ap Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slip	Screw Finish	Black Oxide	Seating Torque	16 Nm
Parallel Misalignment0.00 inStatic Torque450 lb-inAxial Motion0.015 inTorsional Stiffness1000 lb-in/DegMoment of Inertia0.5221 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 Alumi Disc Springs: Type 302 SteelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A II, Class 2 and ASTM B Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (Ibs)0.766400UPC634529204993Tariff 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 apNote 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc sprinormal/typical conditions the hubs are capable of holding up to the rated torque of the disc sprinormal/typical conditions the hubs are capable of holding up to the rated torque of the disc sprinormal/typical conditions the hubs are capable of holding up to the rated torque of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slip	Number of Screws	2 ea	Dynamic Torque Reversing	112.5 lb-in
Axial Motion 0.015 in Torsional Stiffness 1000 lb-in/Deg Moment of Inertia 0.5221 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 Alumi Disc Springs: Type 302 Steel Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A II, Class 2 and ASTM B. Black Anodize Manufacturer Ruland Manufacturing Country of Origin USA Weight (lbs) 0.766400 UPC 634529204993 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 ap Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc sprinormal/typical conditions the hubs are capable of holding up to the rated torque of the disc sprinormal/typical conditions the hubs are capable of holding up to the rated torque of the disc sprinormal/typical conditions the hubs are capable of holding up to the rated torque of the disc sprinormal/typical conditions the hubs are capable of holding up to the rated torque of the disc sprinormal/typical conditions the hubs are capable of holding up to the rated torque of the disc sprinormal/typical conditions the hubs are capable of holding up to the rated torque of the disc sprinormal/typical conditions the hubs are capable of holding up to the rated torque of the disc sprinormal/typical conditions the hubs are capable of holding up to the rated torque of the disc sprinormal/typical conditions the hubs are capable of holding up to the rated torque of the disc sprinormal/typical conditions the hubs are capable of holding up to the rated torque of the disc sprinormal/typical conditions the hubs are capable of holding up to the rated torque of the disc sprinormal/typical conditions the hubs are capable of holdi	Angular Misalignment	1.0°	Dynamic Torque Non-Reversing	225 lb-in
Moment of Inertia 0.5221 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 Alumi Disc Springs: Type 302 Steel Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A II, Class 2 and ASTM B Black Anodize Manufacturer Ruland Manufacturing Country of Origin USA Weight (Ibs) 0.766400 UPC 634529204993 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 ap Torque ratings for the couplings are based on the physical limitations/failure point of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slipt and the standard bores are used or where shafts are undersized, slipt and the standard bores are used or where shafts are undersized, slipt and the standard bores are used or where shafts are undersized, slipt and the standard bores are used or where shafts are undersized, slipt and the standard bores are used or where shafts are undersized, slipt and the standard bores are used or where shafts are undersized, slipt and the standard bores are used or where shafts are undersized, slipt and the standard bores are used or where shafts are undersized, slipt and the standard bores are used or where shafts are undersized, slipt and the standard bores are used or where shafts are undersized, slipt and the standard bores are used or where shafts are undersized, slipt and the standard bores are used or where shafts are undersized, slipt and the standard bores are used or where shafts are undersized, slipt and the standard bores are used or where shafts are undersized.	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 Alumi Disc Springs: Type 302 SteelTemperature-40°F to 200°F (-40°C to 93°C)Finish SpecificationSulfuric Anodized MIL-A II, Class 2 and ASTM B. Black AnodizeManufacturerRuland ManufacturingCountry of OriginUSAWeight (lbs)0.766400UPC634529204993Tariff 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 apNote 4Torque ratings for the couplings are based on the physical limitations/failure point of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slip	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 Alumi Disc Springs: Type 302 Steel Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A II, Class 2 and ASTM B Black Anodize Manufacturer Ruland Manufacturing Country of Origin USA Weight (Ibs) 0.766400 UPC 634529204993 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 ap Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slipting are undersized, slipting to the rated torque of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slipting to the coupling are undersized, slipting to the coupling are used or where shafts are undersized, slipting to the coupling are undersized, slipting to the coupling are used or where shafts are undersized, slipting to the coupling are undersized, slipting to the coupling are undersized, slipting to the coupling are used or where shafts are undersized, slipting to the coupling are undersized, slipting to the coupling are used or where shafts are undersized, slipting to the coupling are used or where shafts are undersized, slipting to the coupling are used or where shafts are undersized, slipting to the coupling are used or where shafts are undersized, slipting to the coupling are used or where shafts are undersized, slipting to the coupling are used or where shafts are undersized, slipting to the coupling are used or where shafts are undersized.	Moment of Inertia	0.5221 lb-in ²	Maximum Speed	10,000 RPM
Full Bearing Support Required? Yes Material Specification Hubs: 2024-T351 Alumi Disc Springs: Type 302 Steel Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A II, Class 2 and ASTM B Black Anodize Manufacturer Ruland Manufacturing Country of Origin USA Weight (Ibs) 0.766400 UPC 634529204993 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 ap Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slipitations of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slipitations of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slipitations of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slipitations of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slipitations of the disc spring cases.	Zero-Backlash?	Yes	Balanced Design	Yes
Disc Springs: Type 302 Steel Temperature -40°F to 200°F (-40°C to 93°C) Finish Specification Sulfuric Anodized MIL-A II, Class 2 and ASTM B: Black Anodize Manufacturer Ruland Manufacturing Country of Origin USA Weight (lbs) 0.766400 UPC 634529204993 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 ap Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slip	Torque Wrench	TW:BT-4C-3/8-140	Recommended Hex Key	Metric Hex Keys
Manufacturer Ruland Manufacturing Country of Origin USA Weight (lbs) 0.766400 UPC 634529204993 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 ap Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slip	Full Bearing Support Required?	Yes	Material Specification	Hubs: 2024-T351 Aluminum Bar, Disc Springs: Type 302 Stainless Steel
Weight (lbs) 0.766400 UPC 634529204993 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 ap Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slip	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 ap Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slips.	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 ap Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc spring normal/typical conditions the hubs are capable of holding up to the rated torque of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slip	Weight (lbs)	0.766400	UPC	634529204993
Note 2 Torque ratings are at maximum misalignment. Note 3 Performance ratings are for guidance only. The user must determine suitability for a particular ap Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc spring normal/typical conditions the hubs are capable of holding up to the rated torque of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slip	Tariff Code	8483.60.8000	UNSPC	31163008
Note 3 Performance ratings are for guidance only. The user must determine suitability for a particular ap Note 4 Torque ratings for the couplings are based on the physical limitations/failure point of the disc spring normal/typical conditions the hubs are capable of holding up to the rated torque of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slip	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 spring normal/typical conditions the hubs are capable of holding up to the rated torque of the disc spring cases, especially when the smallest standard bores are used or where shafts are undersized, slip	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 spring cases, especially when the smallest standard bores are used or where shafts are undersized, slip	Note 3	Performance ratings are for guidance only. The user must determine suitability for a particular application.		
3 · · · · · · · · · · · · · · · · · · ·	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.

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 www.P65Warnings.ca.gov.

Installation Instructions

- 1. Align the bores of the DCSK36-10-10-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:* 0.015 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.