



O.D. (D):	1.313 in (33.3 mm)	Number of Screws:	2 ea
Brand:	Ruland	Conflict Minerals:	Compliant
Note:	Stainless steel hubs are available upon request.	Length (L):	1.770 in (45.0 mm)
Balanced Design:	Yes	Keyway (K2):	NK
Seating Torque:	2.1 Nm	Material:	Aluminum
Hex Wrench Size:	2.5 mm	Bore (B1):	8 mm
Maximum Speed:	10000 RPM	Bore (B2):	0.3125 in
Temperature:	-40°F to 200°F (-40°C to 93°C)	Keyway:	Yes
Country of Origin:	USA	Keyway (K1):	2 mm
Shaft Tolerance:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	B1 Max Shaft Penetration:	0.842 in (21.4 mm)
UNSPC:	31163008	RoHS3:	Compliant
Tariff Code:	8483.60.8000	B2 Max Shaft Penetration:	0.842 in (21.4 mm)
Static Torque:	100 lb-in (11.3 Nm)	Bore Tolerance:	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Dynamic Torque Non-Reversing:	50 lb-in (5.65 Nm)	Screw Material:	Alloy Steel
Dynamic Torque Reversing:	25 lb-in (2.83 Nm)	Screw Finish:	Black Oxide
Torsional Stiffness:	253 lb-in/Deg (28.6 Nm/Deg)	Forged Clamp Screw:	M3
Angular Misalignment:	2.0 deg	ISO 9001:2015:	Certified
Parallel Misalignment:	0.008 in (0.20 mm)	REACH:	Compliant
Axial Motion:	0.016 in (0.40 mm)	Recommended Hex Key:	Metric Hex Keys

COMPONENT	Disc Coupling - Double
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Pacific International Bearing, Inc.  
33258 Central Ave, Union City, CA 94587  
1-800-228-8895, 510-512-7000,  
info@pibsales.com  
www.pibsales.com

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## DCDK21-8MM-5/16"-A

### Ruland

8mm X 0.3125" Bores, 1.313" (33.3mm) Od,  
And 1.770" (45.0mm) Length, 2mm Keyway  
On The 8mm Bore And No Keyway On The  
5/16" Bore, Clamp Double Disc Coupling,  
Anodized Aluminum Hubs, Stainless Steel  
Disc Springs, And A Center Spacer

UNIT

Inch/Metric

SHEET