



O.D. (D):	1.313 in (33.3 mm)	Hex Wrench Size:	2.5 mm
Brand:	Ruland	Number of Screws:	2 ea
Note:	Stainless steel hubs are available upon request.	Length (L):	1.770 in (45.0 mm)
Static Torque:	100 lb-in (11.3 Nm)	B2 Max Shaft Penetration:	0.842 in (21.4 mm)
Maximum Speed:	10000 RPM	Material:	Aluminum
Temperature:	-40°F to 200°F (-40°C to 93°C)	Bore (B1):	8 mm
Country of Origin:	USA	Bore (B2):	0.3125 in
Shaft Tolerance:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	Keyway:	No
Balanced Design:	Yes	B1 Max Shaft Penetration:	0.842 in (21.4 mm)
UNSPC:	31163008	Bore Tolerance:	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Dynamic Torque Non-Reversing:	50 lb-in (5.65 Nm)	Tariff Code:	8483.60.8000
Seating Torque:	2.1 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)	RoHS3:	Compliant
Recommended Hex Key:	Metric Hex Keys	Conflict Minerals:	Compliant
B1 Min Shaft Penetration:	0.354 in (9.0 mm)	B2 Min Shaft Penetration:	0.354 in (9.0 mm)

COMPONENT

Disc Coupling - Double



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

This file and any associated information and specifications are provided for reference and evaluation purposes only, and is subject to change without notice. PIB makes no representations, warranties or guarantees as to the appropriateness, accuracy, completeness, or suitability for any purpose, of the file, information or specifications. You are solely responsible for the use of the file, information or specifications.

DCD21-8MM-5/16"-A
Ruland
8mm X 0.3125" Bores, 1.313" (33.3mm) Od,
And 1.770" (45.0mm) Length, Clamp
Double Disc Coupling, Accommodates All
Types Of Misalignment, Anodized
Aluminum Hubs, Stainless Steel Disc
Springs, And A Center Spacer

UNIT
Inch/Metric
SHEET