



O.D. (D):	2.000 in (50.8 mm)	Hex Wrench Size:	4.0 mm
Brand:	Ruland	Number of Screws:	2 ea
Note:	Stainless steel hubs are available upon request.	Length (L):	2.519 in (64.0 mm)
Static Torque:	39.6 Nm	B2 Max Shaft Penetration:	30.3 mm
Maximum Speed:	10000 RPM	Material:	Aluminum
Temperature:	-40°F to 200°F (-40°C to 93°C)	Bore (B1):	18 mm
Country of Origin:	USA	Bore (B2):	12 mm
Shaft Tolerance:	+0.000 mm / -0.013 mm	Keyway:	No
Balanced Design:	Yes	B1 Max Shaft Penetration:	30.3 mm
UNSPC:	31163008	Bore Tolerance:	+0.03 mm / -0.00 mm
Dynamic Torque Non-Reversing:	19.80 Nm	Tariff Code:	8483.60.8000
Seating Torque:	9.5 Nm	Screw Material:	Alloy Steel
Dynamic Torque Reversing:	9.90 Nm	Screw Finish:	Black Oxide
Torsional Stiffness:	67.2 Nm/Deg	Forged Clamp Screw:	M5
Angular Misalignment:	2.0 deg	ISO 9001:2015:	Certified
Parallel Misalignment:	0.30 mm	REACH:	Compliant
Axial Motion:	0.64 mm	RoHS3:	Compliant
Recommended Hex Key:	Metric Hex Keys	Conflict Minerals:	Compliant
B1 Min Shaft Penetration:	12.7 mm	B2 Min Shaft Penetration:	12.7 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

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MDCD51-18-12-A
Ruland
18mm X 12mm Bores, 50.8mm Od, And
64.0mm Length, Clamp Single Disc
Coupling, Accommodates All Types Of
Misalignment, Anodized Aluminum Hubs,
Stainless Steel Disc Springs, And A
Center Spacer

UNIT
Metric
SHEET