



O.D. (D):	1.625 in (41.3 mm)	Seating Torque:	4.6 Nm
Brand:	Ruland	Tariff Code:	8483.60.8000
Note:	Stainless steel hubs are available upon request.	Length (L):	1.563 in (39.7 mm)
UNSPC:	31163008	B1 Max Shaft Penetration:	19.2 mm
Hex Wrench Size:	3.0 mm	Material:	Aluminum
Maximum Speed:	10000 RPM	Bore (B1):	16 mm
Temperature:	-40°F to 200°F (-40°C to 93°C)	Bore (B2):	16 mm
Country of Origin:	USA	Keyway:	No
Shaft Tolerance:	+0.000 mm / -0.013 mm	B2 Max Shaft Penetration:	19.2 mm
Balanced Design:	Yes	Conflict Minerals:	Compliant
Static Torque:	20.3 Nm	Bore Tolerance:	+0.03 mm / -0.00 mm
Number of Screws:	2 ea	Screw Material:	Alloy Steel
Dynamic Torque Non-Reversing:	10.15 Nm	Screw Finish:	Black Oxide
Dynamic Torque Reversing:	5.08 Nm	Forged Clamp Screw:	M4
Torsional Stiffness:	70.6 Nm/Deg	ISO 9001:2015:	Certified
Angular Misalignment:	1.0 deg	REACH:	Compliant
Parallel Misalignment:	0.00 mm	RoHS3:	Compliant
Axial Motion:	0.25 mm	Recommended Hex Key:	Metric Hex Keys

COMPONENT	Disc Coupling - Single
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## **MDCS41-16-16-A**

### **Ruland**

**16mm X 16mm Bores, 41.3mm Od, 39.7mm  
Length, Clamp Single Disc Coupling,  
Accommodates Angular Misalignment  
And Axial Motion, Anodized Aluminum  
Hubs, Stainless Steel Disc Springs**

**UNIT**

**Metric**

**SHEET**