



O.D. (D):	2.000 in (50.8 mm)	Number of Screws:	2 ea
Brand:	Ruland	Conflict Minerals:	Compliant
Note:	Stainless steel hubs are available upon request.	Length (L):	2.519 in (64.0 mm)
Balanced Design:	Yes	Keyway (K2):	6 mm
Seating Torque:	9.5 Nm	Material:	Aluminum
Hex Wrench Size:	4.0 mm	Bore (B1):	18 mm
Maximum Speed:	10000 RPM	Bore (B2):	18 mm
Temperature:	-40°F to 200°F (-40°C to 93°C)	Keyway:	Yes
Country of Origin:	USA	Keyway (K1):	6 mm
Shaft Tolerance:	+0.000 mm / -0.013 mm	B1 Max Shaft Penetration:	30.3 mm
UNSPC:	31163008	RoHS3:	Compliant
Tariff Code:	8483.60.8000	B2 Max Shaft Penetration:	30.3 mm
Static Torque:	39.6 Nm	Bore Tolerance:	+0.03 mm / -0.00 mm
Dynamic Torque Non-Reversing:	19.80 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	Recommended Hex Key:	Metric Hex Keys

COMPONENT	Disc Coupling - Double
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MDCDK51-18-18-A
Ruland
18mm X 18mm Bores, 50.8mm Od, 64.0mm
Length, 6mm X 6mm Keyways, Clamp
Double Disc Coupling, Anodized
Aluminum Hubs, Stainless Steel Disc
Springs, And A Center Spacer

UNIT
Metric
SHEET