



O.D. (D):	3.125 in (79.4 mm)	Hex Wrench Size:	6.0 mm
Brand:	Ruland	Static Torque:	129.93 Nm
Note:	Stainless steel hubs are available upon request.	Conflict Minerals:	Compliant
Tariff Code:	8483.60.8000	B2 Max Shaft Penetration:	46.8 mm
Maximum Speed:	10000 RPM	Material:	Aluminum
Temperature:	-40°F to 200°F (-40°C to 93°C)	Bore (B1):	42 mm
Country of Origin:	USA	Bore (B2):	30 mm
Shaft Tolerance:	+0.000 mm / -0.013 mm	Keyway:	Yes
Balanced Design:	Yes	Keyway (K1):	12 mm
UNSPC:	31163008	B1 Max Shaft Penetration:	46.8 mm
Number of Screws:	2 ea	Keyway (K2):	8 mm
Dynamic Torque Reversing:	32.49 Nm	Length (L):	3.938 in (100.0 mm)
Dynamic Torque Non-Reversing:	64.97 Nm	Bore Tolerance:	+0.03 mm / -0.00 mm
Torsional Stiffness:	282.5 Nm/Deg	Screw Material:	Alloy Steel
Angular Misalignment:	2.0 deg	Screw Finish:	Black Oxide
Parallel Misalignment:	0.30 mm	Forged Clamp Screw:	M8
Axial Motion:	0.76 mm	ISO 9001:2015:	Certified
Recommended Hex Key:	Metric Hex Keys	REACH:	Compliant
B1 Min Shaft Penetration:	22.2 mm	RoHS3:	Compliant
Seating Torque:	39 Nm	B2 Min Shaft Penetration:	22.2 mm

COMPONENT	Disc Coupling - Double
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## MDCDK80-42-30-A

### Ruland

42mm X 30mm Bores, 79.4mm Od, And  
100.0mm Length, 12mm X 8mm Keyways,  
Clamp Double Disc Coupling, Anodized  
Aluminum Hubs, Stainless Steel Disc  
Springs, And A Center Spacer

UNIT

Metric

SHEET