



O.D. (D):	1.000 in (25.4 mm)	Number of Screws:	2 ea
Brand:	Ruland	Conflict Minerals:	Compliant
Note:	Stainless steel hubs are available upon request.	Length (L):	1.374 in (34.9 mm)
Balanced Design:	Yes	Keyway (K2):	NK
Seating Torque:	2.1 Nm	Material:	Aluminum
Hex Wrench Size:	2.5 mm	Bore (B1):	0.5000 in
Maximum Speed:	10000 RPM	Bore (B2):	0.3125 in
Temperature:	-40°F to 200°F (-40°C to 93°C)	Keyway:	Yes
Country of Origin:	USA	Keyway (K1):	1/8 in
Shaft Tolerance:	+0.0000 in / -0.0005 in	B1 Max Shaft Penetration:	0.467 in
UNSPC:	31163008	RoHS3:	Compliant
Tariff Code:	8483.60.8000	B2 Max Shaft Penetration:	0.654 in
Static Torque:	50 lb-in	Bore Tolerance:	+0.001 in / -0.000 in
Dynamic Torque Non-Reversing:	25 lb-in	Screw Material:	Alloy Steel
Dynamic Torque Reversing:	12.5 lb-in	Screw Finish:	Black Oxide
Torsional Stiffness:	61 lb-in/Deg	Forged Clamp Screw:	M3
Angular Misalignment:	2.0 deg	ISO 9001:2015:	Certified
Parallel Misalignment:	0.006 in	REACH:	Compliant
Axial Motion:	0.012 in	Recommended Hex Key:	Metric Hex Keys

COMPONENT	Disc Coupling - Double
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DCDK16-8-5-A

Ruland

0.5000" X 0.3125" Bores, 1.000" Od, And
1.374" Length, 1/8" Keyway On The 1/2"
Bore And No Keyway On The 5/16" Bore,
Clamp Double Disc Coupling, Anodized
Aluminum Hubs, Stainless Steel Disc
Springs, And A Center Spacer

UNIT

Inch

SHEET