



O.D. (D):	1.000 in (25.4 mm)	Hex Wrench Size:	2.5 mm
Brand:	Ruland	Number of Screws:	2 ea
Note:	Stainless steel hubs are available upon request.	Length (L):	1.374 in (34.9 mm)
Static Torque:	50 lb-in	B2 Max Shaft Penetration:	0.654 in
Maximum Speed:	10000 RPM	Material:	Aluminum
Temperature:	-40°F to 200°F (-40°C to 93°C)	Bore (B1):	0.5000 in
Country of Origin:	USA	Bore (B2):	0.2500 in
Shaft Tolerance:	+0.0000 in / -0.0005 in	Keyway:	No
Balanced Design:	Yes	B1 Max Shaft Penetration:	0.467 in
UNSPC:	31163008	Bore Tolerance:	+0.001 in / -0.000 in
Dynamic Torque Non-Reversing:	25 lb-in	Tariff Code:	8483.60.8000
Seating Torque:	2.1 Nm	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	RoHS3:	Compliant
Recommended Hex Key:	Metric Hex Keys	Conflict Minerals:	Compliant
B1 Min Shaft Penetration:	0.314 in	B2 Min Shaft Penetration:	0.314 in

COMPONENT	Disc Coupling - Double
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DCD16-8-4-A
Ruland
0.5000" X 0.2500" Bores, 1.000" Od, And
1.374" Length, Double Disc Coupling,
Accommodates All Types Of
Misalignment, Anodized Aluminum Hubs,
Stainless Steel Disc Springs, And A
Center Spacer

UNIT

Inch

SHEET