



O.D. (D):	0.750 in (19.1 mm)	Seating Torque:	1.21 Nm
Brand:	Ruland	Tariff Code:	8483.60.8000
Note:	Stainless steel hubs are available upon request.	Length (L):	0.906 in (23.0 mm)
UNSPC:	31163008	B1 Max Shaft Penetration:	0.442 in (11.2 mm)
Hex Wrench Size:	2.0 mm	Material:	Aluminum
Maximum Speed:	10000 RPM	Bore (B1):	8 mm
Temperature:	-40°F to 200°F (-40°C to 93°C)	Bore (B2):	0.2500 in
Country of Origin:	USA	Keyway:	No
Shaft Tolerance:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	B2 Max Shaft Penetration:	0.442 in (11.2 mm)
Balanced Design:	Yes	Conflict Minerals:	Compliant
Static Torque:	25 lb-in (2.8 Nm)	Bore Tolerance:	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Number of Screws:	2 ea	Screw Material:	Alloy Steel
Dynamic Torque Non-Reversing:	12.5 lb-in (1.40 Nm)	Screw Finish:	Black Oxide
Dynamic Torque Reversing:	6.25 lb-in (0.70 Nm)	Forged Clamp Screw:	M2.5
Torsional Stiffness:	77 lb-in/Deg (8.7 Nm/Deg)	ISO 9001:2015:	Certified
Angular Misalignment:	1.0 deg	REACH:	Compliant
Parallel Misalignment:	0.000 in (0.00 mm)	RoHS3:	Compliant
Axial Motion:	0.004 in (0.10 mm)	Recommended Hex Key:	Metric Hex Keys

COMPONENT

Disc Coupling - Single



Pacific International Bearing, Inc.
33258 Central Ave, Union City, CA 94587
1-800-228-8895, 510-512-7000,
info@pibsales.com
www.pibsales.com

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DCS12-8MM-1/4"-A
Ruland
8mm X 0.2500" Bores, 0.750" (19.1mm) Od,
And 0.906" (23.0mm) Length, Clamp
Single Disc Coupling, Accommodates
Angular Misalignment And Axial Motion,
Anodized Aluminum Hubs, Stainless Steel
Disc Springs

UNIT
Inch/Metric
SHEET